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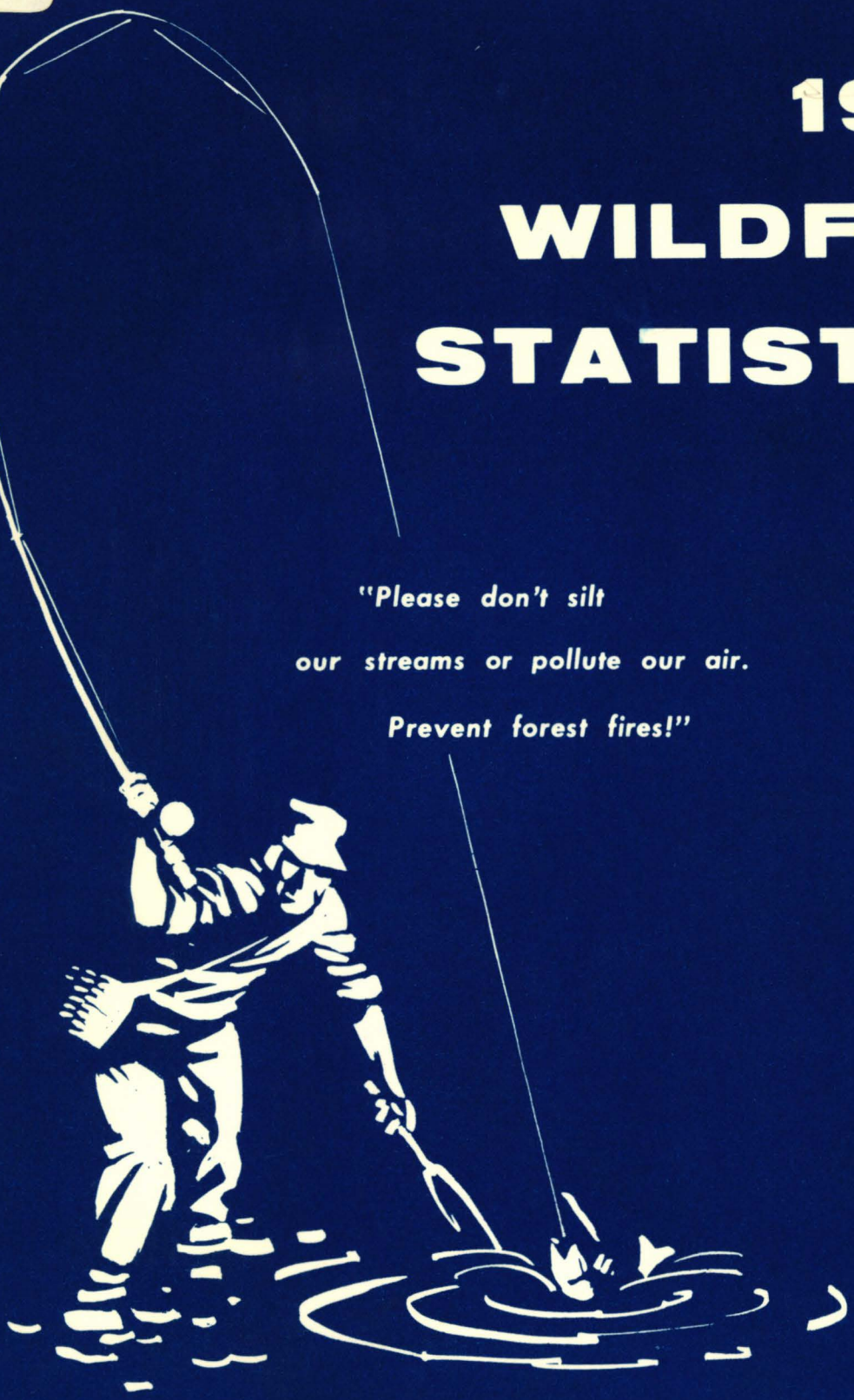
1969 WILDFIRE STATISTICS



"Please don't silt

our streams or pollute our air.

Prevent forest fires!"

Division of Cooperative Forest Fire Control

Forest Service - U. S. Department of Agriculture

1969 WILDFIRE STATISTICS

- Prepared By -

Division of Cooperative Forest Fire Control
State and Private Forestry Cooperation
FOREST SERVICE

U. S. Department of Agriculture

Issued July 1970

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ROCKY MOUNTAIN STATION

PREFACE

The tables in this publication are a compilation of forest fire statistics covering Calendar Year 1969 as reported to the United States Forest Service by its field offices, the State Forester, or comparable State Official, of each of the 50 States, the Department of the Interior, and the Tennessee Valley Authority.

The statistics obtained are for forest land and nonforested watershed lands in Federal ownership, and on State and privately owned lands which are included in the Cooperative Forest Fire Control Program as authorized by Section 2 of the Clarke-McNary Act of 1924. (C-M 2).

Statistical data is shown separately for each individual State, and totals are also given for certain geographical groups of States. These statistics are the most reliable information which the Federal and State protection agencies were able to obtain.

As no field organizations are available in unprotected areas to report fires, the statistics shown for such areas are merely the best estimates made by the States.

The Cooperative Forest Fire Control Program, referred to above, started under provision of the Weeks Law of March 1, 1911. The law authorized the Secretary of Agriculture to enter into agreements with the States "to cooperate in the organization and maintenance of a system of fire protection on any private or State forest lands --- upon the watershed of a navigable river". Cooperating States had to provide by law for a system of fire protection to which the Federal Government could contribute up to one-half of the cost.

The Clarke-McNary Act of 1924 broadened and strengthened the provisions of the Weeks Law. Section 2 authorized extension of Cooperative Forest Fire Control to include all forests and critical watershed lands in State and private ownerships.

The State Forestry Department provides the manpower and organization to do the job within each State. The Forest Service gives support through financial assistance, coordination, review and audit. It also provides services such as help in the training of personnel, development and procurement of better fire equipment and tools, radio communications, dissemination of knowledge gained in forest fire research and direction of the nationwide forest fire prevention program.

W. R. Tikkala

W. R. TIKKALA, Director
Division of Cooperative Forest
Fire Control, Forest Service

TABLE OF CONTENTS

	Page
Listing of States By Regions Within Geographic Groups of States	1
The 1969 Fire Season	2
Summary of Wildfire Statistics - CY 1969:	
USA and Group Totals	10
States (In alphabetic order)	10
Number of Wildfires By Cause and Responsibility Classes - CY 1969:	
USA and Group Totals	14
States (In alphabetic order)	14
Two Leading Fire Causes in Each Group of States - By Percent of 5-Year Totals - 1965-1969 (Chart)	18
Number of Wildfires By Area Type - CY 1969:	
USA and Group Totals	20
States (In alphabetic order)	20
Number of Wildfires By Size Classes - CY 1969:	
USA and Group Totals	24
States (In alphabetic order)	24
Fires Over 300 Acres and Acres Burned on Protected Lands - CY 1965-1969 Averages (Graph)	28
Class E, F, and G Fires and Acres Burned on Protected Lands - CY 1965-1969 (Graph)	29
Acres Burned By Size Classes - CY 1969:	
USA and Group Totals	30
States (In alphabetic order)	30
Acres Burned By Fire Cause Classes - CY 1969:	
USA and Group Totals	34
States (In alphabetic order)	34
Acres Burned By Fire Causes - By Percent of Five-Year Totals - CY 1965-1969 (Chart)	38

TABLE OF CONTENTS

Page

Acres Burned By Area Type Classes - CY 1969
USA and Group Totals 40
States (In alphabetic order) 40

Acres Protected and Acres Unprotected - By Groups - CY 1969
(Chart) 44

Acres Burned Per Million Acres Protected and Acres Burned Per Million Acres Nonprotected - By Groups - CY 1969 (Chart) 45

Number of Fires and Area Burned on Protected Federal and Non-Federal Forest Lands - By Groups and 5-Year Averages - (1941-1965) (Chart) 46

Number of Fires and Area Burned on State and Private Lands - By Groups and 5-Year Averages - 1941-1965 (Chart) 47

Geographic Groups of States 48

Basic Definitions 49

LISTING OF STATES BY REGIONS WITHIN GEOGRAPHIC GROUPS OF STATES

ROCKY MOUNTAIN GROUP:

Northern Region:

Idaho
Montana
North Dakota

Rocky Mountain Region:

Colorado
Kansas
Nebraska
South Dakota
Wyoming

Southwestern Region:

Arizona
New Mexico

Intermountain Region:

Nevada
Utah

PACIFIC GROUP:

California Region:

California
Hawaii

Alaska Region:

Alaska

Pacific Northwest Region:

Oregon
Washington

NORTH CENTRAL GROUP:

North Central Region:

Illinois
Indiana
Iowa
Michigan
Minnesota
Missouri
Ohio
Wisconsin

SOUTHERN GROUP:

Southern Group:

Alabama
Arkansas
Florida
Georgia
Kentucky
Mississippi
North Carolina
Oklahoma
South Carolina
Tennessee
Texas
Virginia

EASTERN GROUP:

Eastern Region:

Connecticut
Delaware
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont
West Virginia

THE 1969 FIRE SEASON

ROCKY MOUNTAIN GROUP:

Northern Region:

The 1961 fire season, in Idaho, began with a wet spring, but by mid-season it seemed that critical fire conditions could develop. Fortunately, however, dry electrical storms did not appear as often as in past seasons.

In Montana, also, the fire season started out on the wet side. By July 4, however, it appeared that the '69 season might be a duplicate of the extremely hot and dry season of 1967. By August 1, nearly all stations were reporting fire dangers in the Very High range, and by mid-August, western Montana stations reported extreme fire conditions. Stations east of the Continental Divide recieved some precipitation and did not approach Extreme fire danger until mid-September. Rains on September 18 brought to an end what could have been a very bad situation.

With the exception of September, which was very dry, North Dakota's fire season was cool with above average precipitation through June. The remainder of the summer and early fall were near normal in precipitation and temperature.

Rocky Mountain Region:

Colorado's 1969 fire season was a moderate one. The number of fires and acres burned fit the "average curve" very well and indicated the year was an average one.

Due to a wet winter with frequent snows, burning conditions in Kansas and Nebraska were not favorable for wildfires during most of the spring fire season. March,usually the month of highest fire occurrences, saw fewer fires this year in both States. Nebraska did have one 25,000 acre fire in a remote area in the latter part of the month. For Kansas, November was the month of highest fire occurrence - April was Nebraska's "bad" month. November was either equal to or exceeded the driest month ever recorded in Kansas.

Although there was a deficit in total precipitation in South Dakota during the first four months of the year, moisture came at just the right intervals to prevent any prolonged rise in fire danger. On June 13th a near record snowfall covered the area, reducing fire danger to zero. However, near record drought conditions existed in northeastern South Dakota during

early summer. The fire index reached High to Extreme in southwestern South Dakota in the late fall months and fire lookouts were remanned in mid-December due to warm winds and no precipitation.

Above average burning conditions began in April in Wyoming and existed throughout the entire 1969 fire season.

Southwestern Region:

A dry May and June, in Arizona, resulted in Extreme conditions statewide through September. Fall rains in October and November brought the Extreme conditions to an end.

The 1969 fire season differed from any experienced by New Mexico in recent years. An extremely dry January, with many man-caused fires, was the unfavorable beginning of the year until good moisture in February and March ended the winter fire danger. Unseasonal spring rains in April, May and early June kept fire danger low during a period when it is normally in the Extreme range. Late June and early July brought high fire danger with many lightning-caused fires. A brief rainy season in July and early August was followed by a dryer than normal fall.

Intermountain Region:

A very wet winter and spring, with above normal snow pack throughout Nevada, resulted in a late fire season. The largest single fire, caused by lightning, occurred in a remote area and burned 1,080 acres of grass and brush land.

In Utah, continuously recurring "wet" thunderstorm situations, beginning in early June, kept fire danger at a moderately low level during much of the summer and fall. Most fires were controlled at very small acreages due, in many cases, to moist fuels and/or wet weather.

PACIFIC GROUP:

California Region:

The well documented storms of the 1968-1969 winter in California, which caused floods, earthslides, and a record producing snowpack, had little direct influence on the fire season.

The heavy storms ended in March and statewide precipitation was barely normal thereafter. By early May, range grasses were beginning to cure in the foothill areas, while many feet of snow remained in the Sierra. June and early July brought relatively cool weather with below normal fire danger, but an abrupt turning point in the character of the fire season took place around the middle of July. A warm ridge of high pressure air established itself over the State and remained almost without interruption for the next two months. Temperatures everywhere, except for portions of the coastal

strip, remained well above normal. Fire danger, almost everywhere, climbed to relatively high levels and remained there, with occasional periods of very critical conditions. Cooling did not begin until late September.

In terms of the number of fires and acres burned, the latter half of 1969 was one of the worst fire periods ever experienced in Hawaii. Weather conditions, however, were no worse than that experienced in some of the past dry fire years. Investigation revealed the sudden mushrooming of wildfires was due to the work of an arsonist.

Alaska Region:

The cycle of fire intensity and destructiveness which began in 1968 continued through 1969. There were a total of 520 fires in Alaska, 260 of which involved State and private lands. The actual fire season began in mid-April and continued into late October. There was an absence of normal amounts of precipitation during the winter period which followed through into the summer bringing fire danger to Extreme. As in 1968, many fires burned out of control in the Interior, and the smoke pall restricted aircraft operations several times during the year. Fires which would normally yield to suppression action continued to burn and required additional attention and follow-up action.

Pacific Northwest Region:

The 1969 fire season in Oregon and Washington can generally be classed as below average in severity. Fire danger gradually increased from the first of July until fall rains commenced in mid-September in all except south central Oregon. General rains started several weeks later in that area.

Rainfall was limited during the summer, but humidity was generally higher than normal with cooler temperatures on west-side areas. The eastern parts of both States had hotter weather. Lightning fires were about average in number but were usually accompanied by rain and did not cause many problems. Winds were less frequent than normal in most areas. Burning Index reached Very High conditions on only a comparatively few days during the fire season.

NORTH CENTRAL GROUP:

North Central Region:

Rainfall for the year, in Illinois, amounted to 51.7 inches - 11.7 inches above normal. As a result the fire season was primarily moderate with a few High and Very High readings.

The 1969 fire season was the worst experienced by the State of Indiana since 1963. A total of 685 fires burned 14,536 acres of State and privately-owned land. The first half of the year was the worst, during which 663 of the 685 fires occurred. The majority of these spring fires occurred on one weekend

in March when high warm winds created very dry conditions. This, coupled with increased outdoor activities, resulted in the high number of fires. By contrast, lots of rain spaced at just the right intervals made the fall season an easy one.

Rains that kept most of Iowa very wet, provided an exceptional 1969 fire season. Almost half the total fires reported for the year occurred during one two week period in the latter part of November.

Conditions prevailing during the spring season in Michigan's Districts 10 and 14 are illustrated by the following statement from the District 14 report: "One township fire department suppressed an average of 50 fires a day, and in one day wrote 43 fire law violation notices". By contrast, the season was low to moderate in the two northern regions.

Very heavy snowfall and below normal temperatures during the winter months - especially in the Central and Southern parts of Minnesota - delayed the snow melt beyond the normal time of April 1st. The first running fires of the year occurred on April 11th in three areas. Normally, the season begins in the Southern areas and some two weeks later along the Canadian border. The normal and quite general greening took place by the end of May with more precipitation in the Northern part than elsewhere. A large amount of burning peat presented a problem directly north of the Twin Cities until snow fell on November 12th.

In Missouri, the major acreage loss occurred in just five days. The rest of the year was unbelievably light. Rainfall varied from slightly below to well above average. The Daniel Boone District, in northern Missouri, had moisture of some form on twenty-seven of the first thirty-one weekends of 1969. At the other end of the State, however, the West Plains District fought fires until the last half of December. Even here the situation was not serious except for two weeks in the middle of March and the first day of April. The Missouri Forestry Department's past records indicate that on two percent of the days of a year thirty percent of the year's fires occur and sixty percent of the burned acreage is lost.

Fire occurrence during 1969, in Ohio, was more severe than in any previous year. Approximately ninety percent of the fires and ninety-six percent of the acres burned occurred during the spring. The winter months were devoid of the normal precipitation and forested areas became extremely dry. Cold temperatures kept the ground frozen, and what little rain that fell ran off instead of being absorbed into the leaf litter and soil. Forty-four fires occurred during January - a number well above normal for the month. Shortly after the middle of February the relative humidity dropped into the twenties and reached a low of 13 in March. Temperatures remained high and the fire build-up index reached 75. There were 254 fires during February - the second highest number ever recorded in that month. The 1,082 fires in March were the highest number ever recorded for any single month. Above normal precipitation was received during the summer months. As there were no killing

frosts until the latter part of October, vegetation remained green much longer than usual.

Wisconsin's fire season was the easiest in the past several years. A few fires occurred in late March but it was not until April 13 that all areas were reporting fire weather. In addition to a late spring, the preceeding winter had an unusually heavy snowfall. The snow left fire fuels matted and, coupled with frequent showers, prevented any serious or prolonged buildup during the spring fire season. The summer season was characterized by a period of dry weather that began in late July and continued through to mid-September. During this period there was a Very High buildup index in several of Wisconsin's high hazard areas. Fortunately there was little wind and relatively few fires occurred. General fall rains reduced the fire danger to a minimum about mid-September.

SOUTHERN GROUP:

Southern Region:

The 1969 fire season in Alabama was higher in severity than the previous ten-year average. A total of 2,523 forest fires occurred in March and burned 55,119 acres of forest land. High losses continued until general rains, late in April, ended the spring burning season. Losses were near average in the summer months. Relative humidities of twenty percent and below, accompanied by high winds, resulted in another high loss period from late November through December 5.

In Georgia, 1969 was the coolest year of record in some areas and ranked among the second or third coolest in all other sections of the State. Rainfall totals were quite variable but were generally above normal in the eastern half of the State and below normal in the western half. July was the only month that was warmer than normal in all sections of the State. Although most sections received below normal rainfall during the first four months, the rains were well spaced and served to keep fuel moistures from dropping to extremely low levels.

The fire season began with the Big Bend area of north Florida and west Florida experiencing a drought with water tables considerably below normal. Stream flows in Northwest Florida continued to run much below normal. Expected minimum temperatures were never experienced; however, the cold weather held on at least six weeks longer than normal. Frequent frontal passages with associated winds, little rain, and low humidities, created serious fire weather throughout the northern section of the State. One fire of serious potential in Madison County was held to 2,010 acres, largely as a result of the use of the aerial tanker and excellent cooperative work between the Division and landowner crews. In terms of acres burned, 1969 was the best year experienced since 1965.

Kentucky had fires burning in every month of the year except July. Temperatures were above normal with precipitation only one-half of normal in January. These conditions continued through February and into March. High winds, coupled with humidity readings between 12 and 20, occurred from the 10th through the 21st of

March, and during this one month 1,480 fires burned 31,918 acres.

For Louisiana, 1969 was a worse than average year. Extended periods of rainfall deficiencies, beginning in June, extended into the first week of December. General rains on the 6th and 7th of that month brought much needed relief. The severity of the 1969 season is emphasized by a comparison with 1968. In 1969, 8,929 fires burned 107,457 acres of State and privately owned lands, while in 1968, there were 6,396 fires and 79,160 acres burned.

Severe drought conditions from mid-fall into December, in Mississippi, resulted in increased fires and acres burned. Some of this was possibly due to debris burning as a result of Hurricane Camille.

Frequent light showers kept North Carolina's spring fire season below normal until the second week of May when fire danger and fire occurrence peaked. During this period, two project fires occurred. Frequent rains kept fire danger below normal from June to November.

In Oklahoma there was average precipitation during the first eight months of the year, but very dry conditions prevailed during the last four. For the first time in the history of Oklahoma's Forestry Department, more fires occurred and more acreage was burned from early October through December 31 than during the spring season. Eighty-five percent of this burn took place during the nine day deer season in November.

Fire conditions in South Carolina were much less severe than in the past several years due to adequate precipitation which was fairly well distributed.

Weather in Tennessee was characterized by persistent low temperatures during the first three months and again from August through December, a drought that was eliminated by a tropical storm, and a cool but pleasant autumn. The year ended on a decidedly wet note with a snow storm on Christmas Day and a developing flood threat. Destructive storms were more damaging but fewer in number than in preceeding years - expecially when compared to stormy 1968. There were two periods of critical fire conditions in March and one in April. One Class E fire burned in each of the three periods, and one Class F fire, the most destructive on record in the State, occurred in the April period.

Texas had an unusual summer fire season. June, July and August were dry and fire incidence increased to a total of 445 fires for August. The fall season was below average in severity.

Frequent occurrence of snow and rain, although light in amount, helped keep the forest fire hazard relatively low early in the year in Virginia. As the spring season progressed, fire occurrence increased rapidly, due to high winds. Precipitation was below normal, but favorable spacing of the light rains aided in forest fire control. Extreme winds posed the greatest threat during the entire season and were a definite factor in all of the larger fires. The year's largest fire, which burned 894 acres in eastern Virginia, crossed county roads and proved

very difficult to control. About one month later, high winds and dry conditions in the Dismal Swamp resulted in a burn of 697 acres which smoldered in the peat for several weeks. The long period of moisture deficiency ended in July with nearly all areas receiving above normal to excessive rainfall through August. After the wet summer, conditions became quite dry in all of the mountain areas and in the south central area. Fire occurrence increased, but through prompt action, fall losses were kept well below normal.

EASTERN GROUP:

Eastern Region:

Records kept by Connecticut show 1969 to be one of the five best fire years, in both number of fires and acres burned, since 1910.

Delaware had a good fire year with rainfall about 13" above normal.

in Maine, snow left the ground around the normal time despite the fact that there was a record snowfall during the winter of 1968-69. Water content of the snow in the spring was between 15 and 20 inches, or about twice that of normal years. The spring season started a little later than normal with only 51 fires in April and 130, or almost 50 percent of the year's fires, occurring during May. The remainder of the year was characterized by extended periods of wet, cool, weather which kept fire occurrence and acres burned very low.

Maryland experienced a spring fire season that extended from January to the end of June. There was some relief during the July-September period, but fire conditions prevailed again from October through December. The State's nine fire weather stations reported rainfall in 1969 averaged 39.25 inches. This was 4.67 inches less than the Decennial Census of the U. S. Climate Lists for the area.

Massachusetts had the best fire season since 1954. Periodic rains during the entire year assisted in reducing the number of fires.

Fire danger to the woodland area of New Hampshire was confined to the southern counties and occurred as a brief fire period during 10 days of April and 14 days of May. Another brief period of fire activity occurred in mid-October with snow and rain ending on the 20th. While the southern area had a little more snow than usual, the northern section experienced record breaking snowfall accumulations that lasted into June in some areas with snow still on the ground at green-up. The combination of a warm spring and melting snow caused high water on May 20 with much damage to roads and the breaking of the Nash Bog Dam. Rains again in late July washed out bridges and culverts on fire access roads. The official rainfall for the year was 3.75 inches above normal. Yearly rainfall north of Concord increased while southern areas had very little in the danger months.

New Jersey started the year in a mild meteorological drought. This condition persisted until the month of June when heavy rains (200% of normal in the central

and southern sectors) eased the situation.

The fire season in New York must be described as one of the lightest in many years. Periodic rainfall precluded any serious fires. There was only one fire over 100 acres which occurred in April and burned 110 acres.

Pennsylvania recorded 1735 forest fires and 16,508 acres burned on State and privately-owned lands. This was the worst season since 1964 when severe drought conditions existed. Very little snow cover during the winter months, and only a small amount of rain early in the year, produced dangerous burning conditions for the time when people started their spring clean up. These conditions led to 303 forest fires in March which is the highest number during this month in 20 years.

The heavy winter snows in Rhode Island remained on the ground until April and thus shortened the fire season. The short season, enforcement of State fire laws, apprehension of violators, and prevention efforts, all contributed to the decrease in the number of forest fires as compared to 1968. No extended periods of drought were recorded.

The heavy snow cover of the previous winter, in Vermont, stayed on the ground until the last of March. Even the low elevation south slopes presented no fire problem until the second week in April. Fifty percent of the year's fires and seventy-six percent of the acres burned occurred in the last two weeks of April.

The character and extent of the fire season, in West Virginia, can be pictured as relatively low fire danger weather due to frequent light rains through both the spring and fall. However, burning weather did prevail for an unusually long period during the spring fire season. In February, normally a very light month, more fires were recorded than in any February on record. On one day a freakish, unforecast, weather situation produced very high winds that developed extreme fire danger conditions. The largest fires of the year burned on that day.

SUMMARY OF WILDFIRE STATISTICS FOR THE UNITED STATES -- CALENDAR YEAR 1969

FOR PROTECTED AREAS, BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP 3/ 4/	FOREST AREA 1/ 2/				NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF FOREST AREA	
		Needing Protection	Protected	Unprotected	Percent Protected	TOTAL	Protected Area		Unprotected Area		TOTAL	Protected Area		Unprotected Area		Protected	Unprotected
		M Acres	M Acres	M Acres	%	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%
UNITED STATES	Federal	651,827	651,827	---	100.00	10,112	10,112	100.00	---	---	4,112,094	4,112,094	100.00	---	---	0.63	---
	State & Private	543,092	511,965	31,127	94.27	103,239	97,393	94.34	5,846	5.66	2,576,987	1,582,389	61.40	994,598	38.60	0.31	3.20
	TOTAL	1,194,919	1,163,792	31,127	97.40	113,351	107,505	94.84	5,846	5.16	6,689,081	5,694,483	85.13	994,598	14.87	0.49	3.20
ROCKY MOUNTAIN GROUP	Federal	297,464	297,464	---	100.00	4,599	4,599	100.00	---	---	133,683	133,683	100.00	---	---	0.05	---
	State & Private	117,086	106,850	10,236	91.26	3,739	3,275	87.59	464	12.41	159,786	148,186	92.74	11,600	7.26	0.14	0.11
	TOTAL	414,550	404,314	10,236	97.53	8,338	7,874	94.44	464	5.56	293,469	281,869	96.05	11,600	3.95	0.07	0.11
PACIFIC GROUP	Federal	325,242	325,242	---	100.00	3,783	3,783	100.00	---	---	3,958,931	3,958,931	100.00	---	---	1.22	---
	State & Private	66,574	63,522	3,052	95.42	5,712	5,712	100.00	---	---	299,082	299,082	100.00	---	---	0.47	---
	TOTAL	391,816	388,764	3,052	99.22	9,495	9,495	100.00	---	---	4,258,013	4,258,013	100.00	---	---	1.10	---
NORTH CENTRAL GROUP	Federal	10,515	10,515	---	100.00	289	289	100.00	---	---	3,235	3,235	100.00	---	---	0.03	---
	State & Private	79,820	75,892	3,928	95.08	11,897	9,647	81.09	2,250	18.91	306,099	130,099	42.50	176,000	57.50	0.17	4.48
	TOTAL	90,335	86,407	3,928	95.65	12,186	9,936	81.54	2,250	18.46	309,334	133,334	43.10	176,000	56.90	0.15	4.48
SOUTHERN GROUP	Federal	15,998	15,998	---	100.00	1,378	1,378	100.00	---	---	14,765	14,765	100.00	---	---	0.09	---
	State & Private	203,094	189,183	13,911	93.15	67,186	64,054	95.34	3,132	4.66	1,707,646	900,648	52.74	806,998	47.26	0.48	5.80
	TOTAL	219,092	205,181	13,911	93.65	68,564	65,432	95.43	3,132	4.57	1,722,411	915,413	53.15	806,998	46.85	0.45	5.80
EASTERN GROUP	Federal	2,608	2,608	---	100.00	63	63	100.00	---	---	1,480	1,480	100.00	---	---	0.06	---
	State & Private	76,518	76,518	---	100.00	14,705	14,705	100.00	---	---	104,374	104,374	100.00	---	---	0.13	---
	TOTAL	79,126	79,126	---	100.00	14,768	14,768	100.00	---	---	105,854	105,854	100.00	---	---	0.13	---
STATES																	
ALABAMA 6/	Federal	689	689	---	100.00	81	81	100.00	---	---	1,047	1,047	100.00	---	---	0.15	---
	State & Private	20,943	20,943	---	100.00	9,477	9,477	100.00	---	---	166,530	166,530	100.00	---	---	0.80	---
	TOTAL	21,632	21,632	---	100.00	9,558	9,558	100.00	---	---	167,577	167,577	100.00	---	---	0.77	---
ALASKA 5/	Federal	243,149	243,149	---	100.00	260	260	100.00	---	---	3,910,715	3,910,715	100.00	---	---	1.61	---
	State & Private	16,000	16,000	---	100.00	260	260	100.00	---	---	195,833	195,833	100.00	---	---	1.22	---
	TOTAL	259,149	259,149	---	100.00	520	520	100.00	---	---	4,106,548	4,106,548	100.00	---	---	1.58	---
ARIZONA	Federal	45,124	45,124	---	100.00	1,342	1,342	100.00	---	---	34,849	34,849	100.00	---	---	0.07	---
	State & Private	2,773	1,341	1,432	48.36	50	40	80.00	10	20.00	795	295	37.11	500	62.89	0.02	0.04
	TOTAL	47,897	46,465	1,432	97.01	1,392	1,382	99.28	10	0.72	35,644	35,144	98.60	500	1.40	0.08	0.04
ARKANSAS	Federal	2,556	2,556	---	100.00	148	148	100.00	---	---	1,229	1,229	100.00	---	---	0.05	---
	State & Private	16,535	16,535	---	100.00	4,183	4,183	100.00	---	---	108,192	108,192	100.00	---	---	0.65	---
	TOTAL	19,091	19,091	---	100.00	4,331	4,331	100.00	---	---	109,421	109,421	100.00	---	---	0.57	---
CALIFORNIA	Federal	37,322	37,322	---	100.00	1,886	1,886	100.00	---	---	22,285	22,285	100.00	---	---	0.06	---
	State & Private	19,985	19,985	---	100.00	3,160	3,160	100.00	---	---	49,119	49,119	100.00	---	---	0.25	---
	TOTAL	57,307	57,307	---	100.00	5,046	5,046	100.00	---	---	71,404	71,404	100.00	---	---	0.12	---
COLORADO	Federal	23,985	23,985	---	100.00	276	276	100.00	---	---	1,119	1,119	100.00	---	---	Neg.	---
	State & Private	9,482	9,482	---	100.00	499	499	100.00	---	---	8,534	8,534	100.00	---	---	0.09	---
	TOTAL	33,467	33,467	---	100.00	775	775	100.00	---	---	9,653	9,653	100.00	---	---	0.03	---
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	1,990	1,990	---	100.00	399	399	100.00	---	---	1,462	1,462	100.00	---	---	0.07	---
	TOTAL	1,990	1,990	---	100.00	399	399	100.00	---	---	1,462	1,462	100.00	---	---	0.07	---
DELAWARE	Federal	20	20	---	100.00	1	1	100.00	---	---	1,200	1,200	100.00	---	---	6.00	---
	State & Private	392	392	---	100.00	20	20	100.00	---	---	175	175	100.00	---	---	0.04	---
	TOTAL	412	412	---	100.00	21	21	100.00	---	---	1,375	1,375	100.00	---	---	0.33	---

* See Page 48 for list of States included in each Group.

STATES																	
FLORIDA	Federal	1,675	1,675	---	100.00	131	131	100.00	---	---	2,193	2,193	100.00	---	---	0.13	---
	State & Private	19,037	17,644	1,393	92.68	5,318	4,898	92.10	420	7.90	503,839	63,839	12.67	440,000	87.33	0.36	31.59
	TOTAL	20,712	19,319	1,393	93.27	5,449	5,029	92.29	420	7.71	506,032	66,032	13.05	440,000	86.95	0.34	31.59
GEORGIA	Federal	1,238	1,238	---	100.00	56	56	100.00	---	---	352	352	100.00	---	---	0.03	---
	State & Private	24,066	24,066	---	100.00	8,743	8,743	100.00	---	---	47,098	47,098	100.00	---	---	0.20	---
	TOTAL	25,304	25,304	---	100.00	8,799	8,799	100.00	---	---	47,450	47,450	100.00	---	---	0.19	---
HAWAII	Federal	160	160	---	100.00	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	1,929	1,929	---	100.00	35	35	100.00	---	---	45,850	45,850	100.00	---	---	2.38	---
	TOTAL	2,089	2,089	---	100.00	35	35	100.00	---	---	45,850	45,850	100.00	---	---	2.20	---
IDAHO 6/	Federal	34,481	34,481	---	100.00	620	620	100.00	---	---	47,956	47,956	100.00	---	---	0.14	---
	State & Private	9,901	9,901	---	100.00	502	502	100.00	---	---	17,047	17,047	100.00	---	---	0.17	---
	TOTAL	44,382	44,382	---	100.00	1,122	1,122	100.00	---	---	65,003	65,003	100.00	---	---	0.15	---
ILLINOIS	Federal	310	310	---	100.00	9	9	100.00	---	---	125	125	100.00	---	---	0.04	---
	State & Private	3,742	3,568	174	95.35	293	243	82.94	50	17.06	5,772	4,772	82.67	1,000	17.33	0.13	0.57
	TOTAL	4,052	3,878	174	95.71	302	252	83.44	50	16.56	5,897	4,897	83.04	1,000	16.96	0.13	0.57
INDIANA	Federal	156	156	---	100.00	7	7	100.00	---	---	133	133	100.00	---	---	0.09	---
	State & Private	4,012	4,012	---	100.00	685	685	100.00	---	---	14,536	14,536	100.00	---	---	0.36	---
	TOTAL	4,168	4,168	---	100.00	692	692	100.00	---	---	14,669	14,669	100.00	---	---	0.35	---
IOWA	Federal	48	48	---	100.00	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	2,609	2,609	---	100.00	133	133	100.00	---	---	2,157	2,157	100.00	---	---	0.08	---
	TOTAL	2,657	2,657	---	100.00	133	133	100.00	---	---	2,157	2,157	100.00	---	---	0.08	---
KANSAS	Federal	147	147	---	100.00	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	12,552	12,552	---	100.00	566	566	100.00	---	---	8,649	8,649	100.00	---	---	0.07	---
	TOTAL	12,699	12,699	---	100.00	566	566	100.00	---	---	8,649	8,649	100.00	---	---	0.07	---
KENTUCKY	Federal	810	810	---	100.00	77	77	100.00	---	---	591	591	100.00	---	---	0.07	---
	State & Private	10,953	10,953	---	100.00	3,079	3,079	100.00	---	---	54,000	54,000	100.00	---	---	0.49	---
	TOTAL	11,763	11,763	---	100.00	3,156	3,156	100.00	---	---	54,591	54,591	100.00	---	---	0.46	---
LOUISIANA	Federal	706	706	---	100.00	171	171	100.00	---	---	2,108	2,108	100.00	---	---	0.30	---
	State & Private	15,288	12,239	3,049	80.06	8,929	8,929	100.00	No Data		107,457	107,457	100.00	---	---	0.88	---
	TOTAL	15,994	12,945	3,049	80.94	9,100	9,100	100.00	---	---	109,565	109,565	100.00	---	---	0.85	---
MAINE	Federal	105	105	---	100.00	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	17,321	17,321	---	100.00	300	300	100.00	---	---	2,398	2,398	100.00	---	---	0.01	---
	TOTAL	17,426	17,426	---	100.00	300	300	100.00	---	---	2,398	2,398	100.00	---	---	0.01	---
MARYLAND	Federal	28	28	---	100.00	7	7	100.00	---	---	7	7	100.00	---	---	0.03	---
	State & Private	2,855	2,855	---	100.00	543	543	100.00	---	---	1,941	1,941	100.00	---	---	0.07	---
	TOTAL	2,883	2,883	---	100.00	550	550	100.00	---	---	1,948	1,948	100.00	---	---	0.07	---
MASSACHUSETTS	Federal	20	20	---	100.00	17	17	100.00	---	---	28	28	100.00	---	---	0.14	---
	State & Private	3,252	3,252	---	100.00	6,653	6,653	100.00	---	---	8,371	8,371	100.00	---	---	0.25	---
	TOTAL	3,272	3,272	---	100.00	6,670	6,670	100.00	---	---	8,399	8,399	100.00	---	---	0.26	---
MICHIGAN	Federal	2,927	2,927	---	100.00	39	39	100.00	---	---	116	116	100.00	---	---	Neg.	---
	State & Private	17,641	17,641	---	100.00	1,016	1,016	100.00	---	---	6,544	6,544	100.00	---	---	0.04	---
	TOTAL	20,568	20,568	---	100.00	1,055	1,055	100.00	---	---	6,660	6,660	100.00	---	---	0.03	---

1/ Federal land areas shown as Needing Protection and Protected are taken from Official Reports submitted by the reporting Federal Agencies.
2/ Includes 350,400 M acres nonforest watershed lands as reported by the various State and Federal Agencies.
3/ State and privately owned land areas shown as Protected are under the protection of the Clarke-McNary (C-M 2) Cooperative State and Federal Fire Control Program.
4/ Protected Federal land areas shown are under the protection of the following Federal Agencies: U. S. Forest Service; Bureau of Land Management; National Park Service; Fish and Wildlife Service; Bureau of Indian Affairs; and the Tennessee Valley Authority.
5/ Alaska acreage will vary periodically as land is selected under the Statehood Act.
6/ State and private area needing protection revised by Official State Report.

STATES	OWNERSHIP 3/ 4/	FOREST AREA 1/ 2/				NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF FOREST AREA	
		Needing Protection	Protected	Unprotected	Percent Protected	TOTAL	Protected Area		Unprotected Area		TOTAL	Protected Area		Unprotected Area		Protected	Unprotected
		M Acres	M Acres	M Acres	%	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%
MINNESOTA	Federal	3,660	3,660	---	100.00	39	39	100.00	---	---	173	173	100.00	---	---	0.01	---
	State & Private	17,653	17,653	---	100.00	608	608	100.00	---	---	24,575	24,575	100.00	---	---	0.14	---
	TOTAL	21,313	21,313	---	100.00	647	647	100.00	---	---	24,748	24,748	100.00	---	---	0.12	---
MISSISSIPPI	Federal	1,242	1,242	---	100.00	252	252	100.00	---	---	2,398	2,398	100.00	---	---	0.19	---
	State & Private	15,969	15,661	308	98.07	7,998	7,962	99.55	36	0.45	107,133	106,614	99.52	519	0.48	0.68	0.17
	TOTAL	17,211	16,903	308	98.21	8,250	8,214	99.56	36	0.44	109,531	109,012	99.53	519	0.47	0.64	0.17
MISSOURI	Federal	1,485	1,485	---	100.00	164	164	100.00	---	---	2,427	2,427	100.00	---	---	0.16	---
	State & Private	13,936	11,140	2,796	79.94	5,443	3,243	59.58	2,200	40.42	236,162	61,162	25.90	175,000	74.10	0.55	6.26
	TOTAL	15,421	12,625	2,796	81.87	5,607	3,407	60.76	2,200	39.24	238,589	63,589	26.65	175,000	73.35	0.50	6.26
MONTANA	Federal	32,486	32,486	---	100.00	595	595	100.00	---	---	11,861	11,861	100.00	---	---	0.04	---
	State & Private	12,527	6,747	5,780	53.86	799	399	49.94	400	50.06	11,716	1,716	14.65	10,000	85.35	0.03	0.17
	TOTAL	45,013	39,233	5,780	87.16	1,394	994	71.31	400	28.69	23,577	13,577	57.59	10,000	42.41	0.03	0.17
NEBRASKA	Federal	544	544	---	100.00	24	24	100.00	---	---	1,212	1,212	100.00	---	---	0.22	---
	State & Private	7,022	7,022	---	100.00	240	240	100.00	---	---	42,582	42,582	100.00	---	---	0.61	---
	TOTAL	7,566	7,566	---	100.00	264	264	100.00	---	---	43,794	43,794	100.00	---	---	0.58	---
NEVADA	Federal	54,975	54,975	---	100.00	233	233	100.00	---	---	3,887	3,887	100.00	---	---	0.01	---
	State & Private	5,112	2,216	2,896	43.35	204	154	75.49	50	24.51	2,482	1,482	59.71	1,000	40.29	0.07	0.03
	TOTAL	60,087	57,191	2,896	95.18	437	387	88.56	50	11.44	6,369	5,369	84.30	1,000	15.70	0.01	0.03
NEW HAMPSHIRE	Federal	681	681	---	100.00	7	7	100.00	---	---	15	15	100.00	---	---	Neg.	---
	State & Private	4,339	4,339	---	100.00	473	473	100.00	---	---	255	255	100.00	---	---	0.01	---
	TOTAL	5,020	5,020	---	100.00	480	480	100.00	---	---	270	270	100.00	---	---	0.01	---
NEW JERSEY	Federal	25	25	---	100.00	2	2	100.00	---	---	2	2	100.00	---	---	Neg.	---
	State & Private	2,108	2,108	---	100.00	1,237	1,237	100.00	---	---	3,528	3,528	100.00	---	---	0.16	---
	TOTAL	2,133	2,133	---	100.00	1,239	1,239	100.00	---	---	3,530	3,530	100.00	---	---	0.17	---
NEW MEXICO 6/7/	Federal	30,727	30,727	---	100.00	734	734	100.00	---	---	16,585	16,585	100.00	---	---	0.05	---
	State & Private	37,584	37,584	---	100.00	111	111	100.00	---	---	34,746	34,746	100.00	---	---	0.09	---
	TOTAL	68,311	68,311	---	100.00	845	845	100.00	---	---	51,331	51,331	100.00	---	---	0.08	---
NEW YORK	Federal	36	36	---	100.00	3	3	100.00	---	---	11	11	100.00	---	---	0.03	---
	State & Private	12,621	12,621	---	100.00	894	894	100.00	---	---	5,135	5,135	100.00	---	---	0.04	---
	TOTAL	12,657	12,657	---	100.00	897	897	100.00	---	---	5,146	5,146	100.00	---	---	0.04	---
NORTH CAROLINA	Federal	1,574	1,574	---	100.00	85	85	100.00	---	---	1,176	1,176	100.00	---	---	0.07	---
	State & Private	18,723	17,819	904	95.18	5,117	4,177	81.63	940	18.37	83,161	67,254	80.87	15,907	19.13	0.37	1.76
	TOTAL	20,297	19,393	904	95.55	5,202	4,262	81.93	940	18.07	84,337	68,430	81.14	15,907	18.86	0.35	1.76
NORTH DAKOTA	Federal	2,198	2,198	---	100.00	55	55	100.00	---	---	2,105	2,105	100.00	---	---	0.10	---
	State & Private	356	228	128	64.04	10	6	60.00	4	40.00	140	40	28.57	100	71.43	0.02	0.08
	TOTAL	2,554	2,426	128	94.99	65	61	93.85	4	6.15	2,245	2,145	95.55	100	4.45	0.09	0.08
OHIO	Federal	148	148	---	100.00	22	22	100.00	---	---	146	146	100.00	---	---	0.10	---
	State & Private	4,963	4,005	958	80.70	2,015	2,015	100.00	---	---	13,353	13,353	100.00	---	---	0.33	---
	TOTAL	5,111	4,153	958	81.26	2,037	2,037	100.00	---	---	13,499	13,499	100.00	---	---	0.33	---
OKLAHOMA	Federal	375	375	---	100.00	65	65	100.00	---	---	858	858	100.00	---	---	0.23	---
	State & Private	8,072	4,325	3,747	53.58	2,762	1,062	38.45	1,700	61.55	426,348	76,348	17.91	350,000	82.09	1.77	9.34
	TOTAL	8,447	4,700	3,747	55.64	2,827	1,127	39.87	1,700	60.13	427,206	77,206	18.07	350,000	81.93	1.64	9.34

STATES																
OREGON	Federal	31,670	31,670	---	100.00	1,252	1,252	100.00	---	---	23,979	23,979	100.00	---	---	0.08	---
	State & Private	16,151	13,099	3,052	81.10	964	964	100.00	---	---	2,762	2,762	100.00	---	---	0.02	---
	TOTAL	47,821	44,769	3,052	93.62	2,216	2,216	100.00	---	---	26,741	26,741	100.00	---	---	0.06	---
PENNSYLVANIA	Federal	506	506	---	100.00	6	6	100.00	---	---	38	38	100.00	---	---	0.01	---
	State & Private	16,560	16,560	---	100.00	1,735	1,735	100.00	---	---	16,508	16,508	100.00	---	---	0.10	---
	TOTAL	17,066	17,066	---	100.00	1,741	1,741	100.00	---	---	16,546	16,546	100.00	---	---	0.10	---
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	434	434	---	100.00	311	311	100.00	---	---	1,069	1,069	100.00	---	---	0.25	---
	TOTAL	434	434	---	100.00	311	311	100.00	---	---	1,069	1,069	100.00	---	---	0.25	---
SOUTH CAROLINA	Federal	652	652	---	100.00	45	45	100.00	---	---	418	418	100.00	---	---	0.06	---
	State & Private	12,050	12,050	---	100.00	3,840	3,840	100.00	---	---	34,628	34,628	100.00	---	---	0.29	---
	TOTAL	12,702	12,702	---	100.00	3,885	3,885	100.00	---	---	35,046	35,046	100.00	---	---	0.30	---
SOUTH DAKOTA	Federal	7,047	7,047	---	100.00	223	223	100.00	---	---	9,726	9,726	100.00	---	---	0.14	---
	State & Private	3,960	3,960	---	100.00	220	220	100.00	---	---	3,254	3,254	100.00	---	---	0.08	---
	TOTAL	11,007	11,007	---	100.00	443	443	100.00	---	---	12,980	12,980	100.00	---	---	0.12	---
TENNESSEE	Federal	990	990	---	100.00	119	119	100.00	---	---	777	777	100.00	---	---	0.08	---
	State & Private	12,797	12,661	136	98.94	3,287	3,251	98.90	36	1.10	27,862	27,290	97.95	572	2.05	0.22	0.42
	TOTAL	13,787	13,651	136	99.01	3,406	3,370	98.94	36	1.06	28,639	28,067	98.00	572	2.00	0.21	0.42
TEXAS 6/	Federal	1,698	1,698	---	100.00	92	92	100.00	---	---	921	921	100.00	---	---	0.05	---
	State & Private	14,248	9,874	4,374	69.30	2,519	2,519	100.00	---	---	30,601	30,601	100.00	---	---	0.31	---
	TOTAL	15,946	11,572	4,374	72.57	2,611	2,611	100.00	---	---	31,522	31,522	100.00	---	---	0.27	---
UTAH	Federal	34,970	34,970	---	100.00	266	266	100.00	---	---	1,403	1,403	100.00	---	---	Neg.	---
	State & Private	9,006	9,006	---	100.00	142	142	100.00	---	---	3,860	3,860	100.00	---	---	0.04	---
	TOTAL	43,976	43,976	---	100.00	408	408	100.00	---	---	5,263	5,263	100.00	---	---	0.01	---
VERMONT	Federal	245	245	---	100.00	2	2	100.00	---	---	---	---	---	---	---	---	---
	State & Private	4,084	4,084	---	100.00	81	81	100.00	---	---	168	168	100.00	---	---	Neg.	---
	TOTAL	4,329	4,329	---	100.00	83	83	100.00	---	---	168	168	100.00	---	---	Neg.	---
VIRGINIA 6/	Federal	1,793	1,793	---	100.00	56	56	100.00	---	---	697	697	100.00	---	---	0.04	---
	State & Private	14,413	14,413	---	100.00	1,934	1,934	100.00	---	---	10,797	10,797	100.00	---	---	0.08	---
	TOTAL	16,206	16,206	---	100.00	1,990	1,990	100.00	---	---	11,494	11,494	100.00	---	---	0.07	---
WASHINGTON	Federal	12,941	12,941	---	100.00	385	385	100.00	---	---	1,952	1,952	100.00	---	---	0.02	---
	State & Private	12,509	12,509	---	100.00	1,293	1,293	100.00	---	---	5,518	5,518	100.00	---	---	0.04	---
	TOTAL	25,450	25,450	---	100.00	1,678	1,678	100.00	---	---	7,470	7,470	100.00	---	---	0.03	---
WEST VIRGINIA	Federal	942	942	---	100.00	18	18	100.00	---	---	179	179	100.00	---	---	0.02	---
	State & Private	10,562	10,562	---	100.00	2,059	2,059	100.00	---	---	63,364	63,364	100.00	---	---	0.60	---
	TOTAL	11,504	11,504	---	100.00	2,077	2,077	100.00	---	---	63,543	63,543	100.00	---	---	0.55	---
WISCONSIN	Federal	1,781	1,781	---	100.00	9	9	100.00	---	---	115	115	100.00	---	---	Neg.	---
	State & Private	15,264	15,264	---	100.00	1,704	1,704	100.00	---	---	3,000	3,000	100.00	---	---	0.02	---
	TOTAL	17,045	17,045	---	100.00	1,713	1,713	100.00	---	---	3,115	3,115	100.00	---	---	0.02	---
WYOMING	Federal	30,780	30,780	---	100.00	231	231	100.00	---	---	2,980	2,980	100.00	---	---	0.01	---
	State & Private	6,811	6,811	---	100.00	396	396	100.00	---	---	25,981	25,981	100.00	---	---	0.38	---
	TOTAL	37,591	37,591	---	100.00	627	627	100.00	---	---	28,961	28,961	100.00	---	---	0.08	---

1/ Federal land areas shown as Needing Protection and Protected are taken from Official Reports submitted by reporting Federal Agencies.
2/ Includes 350,400 M acres nonforest watershed lands as reported by the various State and Federal Agencies.
3/ State and privately-owned land areas shown as Protected are under the protection of the Clarke-McNary (C-M 2) Cooperative State and Federal Fire Control Program.
4/ Protected Federal land areas shown are under the protection of the following Federal Agencies: U. S. Forest Service; Bureau of Land Management; National Park Service; Fish and Wildlife Service; Bureau of Indian Affairs; and the Tennessee Valley Authority.
6/ State and private area needing protection revised by Official State Report.
7/ State & Private land includes acreage not included in 1965 Area & Cost Study.

NUMBER OF WILDFIRES IN THE UNITED STATES BY CAUSE AND RESPONSIBILITY CLASS

CALENDAR YEAR 1969 - ON PROTECTED AREAS ONLY

- BY STATES AND GROUPS OF STATES -

GROUPS * OF STATES	OWNERSHIP	NUMBER OF FIRES - BY CAUSES**										1/ Owner Responsibility		2/ Railroad Fires	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous	TOTAL	Man-Caused	% Man-Caused	No.	%	No.	%
UNITED STATES	Federal	5,482	1,059	1,002	540	835	396	798	10,112	4,630	45.79	---	---	137	1.35
	State & Private	2,751	2,430	13,751	27,112	30,548	8,041	12,760	97,393	94,642	97.18	20,651	21.20	6,625	6.80
	TOTAL	8,233	3,489	14,753	27,652	31,383	8,437	13,558	107,505	99,272	92.34	20,651	19.21	6,762	6.29
ROCKY MOUNTAIN GROUP	Federal	3,149	360	301	285	83	148	273	4,599	1,450	31.53	---	---	35	0.77
	State & Private	751	160	220	643	103	734	664	3,275	2,524	77.07	1,004	30.66	561	17.13
	TOTAL	3,900	520	521	928	186	882	937	7,874	3,974	50.47	1,004	12.75	596	7.57
PACIFIC GROUP	Federal	2,200	506	417	139	113	152	256	3,783	1,583	41.85	---	---	47	1.24
	State & Private	1,094	395	836	735	552	835	1,265	5,712	4,618	80.85	1,169	20.47	493	8.63
	TOTAL	3,294	901	1,253	874	665	987	1,521	9,495	6,201	65.31	1,169	12.32	540	5.69
NORTH CENTRAL GROUP	Federal	18	26	43	24	113	12	53	289	271	93.77	---	---	6	2.08
	State & Private	48	173	1,130	4,009	1,545	1,798	944	9,647	9,599	99.50	4,279	44.36	1,660	17.21
	TOTAL	66	199	1,173	4,033	1,658	1,810	997	9,936	9,870	99.34	4,279	43.07	1,666	16.77
SOUTHERN GROUP	Federal	113	160	224	81	512	77	211	1,378	1,265	91.80	---	---	42	3.05
	State & Private	772	1,430	9,904	18,047	25,565	3,378	4,958	64,054	63,282	98.79	11,601	18.11	2,692	4.20
	TOTAL	885	1,590	10,128	18,128	26,077	3,455	5,169	65,432	64,547	98.65	11,601	17.73	2,734	4.18
EASTERN GROUP	Federal	2	7	17	11	14	7	5	63	61	96.83	---	---	7	11.11
	State & Private	86	272	1,661	3,678	2,783	1,296	4,929	14,705	14,619	99.42	2,598	17.67	1,219	8.28
	TOTAL	88	279	1,678	3,689	2,797	1,303	4,934	14,768	14,680	99.40	2,598	17.59	1,226	8.30
STATES															
ALABAMA	Federal	8	12	27	7	11	1	15	81	73	90.12	---	---	---	---
	State & Private	61	161	1,828	2,757	3,483	511	676	9,477	9,416	99.36	2,025	21.37	424	4.48
	TOTAL	69	173	1,855	2,764	3,494	512	691	9,558	9,489	99.28	2,025	21.19	424	4.44
ALASKA	Federal	121	48	26	39	6	14	6	260	139	53.46	---	---	2	0.77
	State & Private	4	39	21	141	10	5	40	260	256	98.46	143	55.00	1	0.38
	TOTAL	125	87	47	180	16	19	46	520	395	75.96	143	27.50	3	0.57
ARIZONA	Federal	984	96	115	34	18	21	74	1,342	358	26.67	---	---	---	---
	State & Private	15	4	7	8	3	1	2	40	25	62.50	5	12.50	---	---
	TOTAL	999	100	122	42	21	22	76	1,382	383	27.71	5	0.36	---	---
ARKANSAS	Federal	14	7	23	7	69	2	26	148	134	90.54	---	---	---	---
	State & Private	22	131	822	913	1,621	52	622	4,183	4,161	99.47	483	11.55	282	6.74
	TOTAL	36	138	845	920	1,690	54	648	4,331	4,295	99.17	483	11.15	282	6.52
CALIFORNIA	Federal	1,191	160	189	36	92	67	151	1,886	695	36.85	---	---	16	0.85
	State & Private	657	152	433	240	461	451	766	3,160	2,503	79.21	187	5.92	172	5.44
	TOTAL	1,848	312	622	276	553	518	917	5,046	3,198	63.38	187	3.71	188	3.73
COLORADO	Federal	199	33	17	5	1	5	16	276	77	27.90	---	---	2	0.72
	State & Private	45	39	34	188	22	50	121	499	454	90.98	218	43.69	30	6.01
	TOTAL	244	72	51	193	23	55	137	775	531	68.52	218	28.13	32	4.13
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	12	26	98	158	55	50	399	399	100.00	98	24.56	55	13.78
	TOTAL	---	12	26	98	158	55	50	399	399	100.00	98	24.56	55	13.78
DELAWARE	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	---	1	9	2	4	4	20	20	100.00	4	20.00	2	10.00
	TOTAL	---	---	1	9	2	4	4	20	20	100.00	4	20.00	2	10.00

* See Page 48 for list of States included in each Group.

** See Page 49 for General Fire Cause definitions.

STATES															
FLORIDA	Federal	47	5	11	6	36	11	15	131	84	64.12	---	---	---	---
	State & Private	361	113	838	1,260	1,780	321	225	4,898	4,537	92.63	312	6.37	168	3.43
	TOTAL	408	118	849	1,266	1,816	332	240	5,029	4,621	91.89	312	6.20	168	3.34
GEORGIA	Federal	1	11	10	---	17	7	10	56	55	98.21	---	---	5	8.93
	State & Private	184	143	1,722	3,235	2,062	603	794	8,743	8,559	97.90	1,951	22.31	376	4.30
	TOTAL	185	154	1,732	3,235	2,079	610	804	8,799	8,614	97.90	1,951	22.17	381	4.33
HAWAII	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	1	6	8	4	1	15	35	35	100.00	8	22.86	---	---
	TOTAL	---	1	6	8	4	1	15	35	35	100.00	8	22.86	---	---
IDAHO	Federal	384	76	58	28	12	25	37	620	236	38.06	---	---	2	0.32
	State & Private	97	21	62	76	13	125	108	502	405	80.68	91	18.13	93	18.52
	TOTAL	481	97	120	104	25	150	145	1,122	641	57.13	91	8.11	95	8.47
ILLINOIS	Federal	---	1	2	2	---	---	4	9	9	100.00	---	---	---	---
	State & Private	---	1	17	112	26	36	51	243	243	100.00	91	37.45	33	13.58
	TOTAL	---	2	19	114	26	36	55	252	252	100.00	91	36.11	33	13.10
INDIANA	Federal	---	---	---	---	7	---	---	7	7	100.00	---	---	---	---
	State & Private	1	3	29	479	49	32	92	685	684	99.85	387	56.50	55	8.03
	TOTAL	1	3	29	479	56	32	92	692	691	99.86	387	55.93	55	7.95
IOWA	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	1	---	21	44	---	58	9	133	132	99.25	110	82.71	49	36.84
	TOTAL	1	---	21	44	---	58	9	133	132	99.25	110	82.71	49	36.84
KANSAS	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	23	2	23	188	20	148	162	566	543	95.94	188	33.22	68	12.01
	TOTAL	23	2	23	188	20	148	162	566	543	95.94	188	33.22	68	12.01
KENTUCKY	Federal	---	6	19	2	40	4	6	77	77	100.00	---	---	3	3.90
	State & Private	1	167	601	1,118	592	123	477	3,079	3,078	99.97	612	19.88	103	3.35
	TOTAL	1	173	620	1,120	632	127	483	3,156	3,155	99.97	612	19.39	106	3.36
LOUISIANA	Federal	5	13	15	7	81	19	31	171	166	97.08	---	---	18	10.53
	State & Private	22	181	705	1,005	6,691	247	78	8,929	8,907	99.75	182	2.04	193	2.16
	TOTAL	27	194	720	1,012	6,772	266	109	9,100	9,073	99.70	182	2.00	211	2.32
MAINE	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	43	15	38	91	31	24	58	300	257	85.67	84	28.00	8	2.67
	TOTAL	43	15	38	91	31	24	58	300	257	85.67	84	28.00	8	2.67
MARYLAND	Federal	---	1	2	---	4	---	---	7	7	100.00	---	---	---	---
	State & Private	---	24	146	95	90	62	126	543	543	100.00	65	11.97	52	9.58
	TOTAL	---	25	148	95	94	62	126	550	550	100.00	65	11.82	52	9.45
MASSACHUSETTS	Federal	---	---	6	8	3	---	---	17	17	100.00	---	---	---	---
	State & Private	6	27	296	1,766	705	377	3,476	6,653	6,647	99.91	1,068	16.05	377	5.67
	TOTAL	6	27	302	1,774	708	377	3,476	6,670	6,664	99.91	1,068	16.01	377	5.65
MICHIGAN	Federal	5	2	11	3	6	2	10	39	34	87.18	---	---	1	2.56
	State & Private	15	49	206	344	93	164	145	1,016	1,001	98.52	478	47.05	135	13.29
	TOTAL	20	51	217	347	99	166	155	1,055	1,035	98.10	478	45.31	136	12.89

1/ On State and Private lands only.
2/ Railroad fires are included in number of fires by other causes.

STATES	OWNERSHIP	NUMBER OF FIRES - BY CAUSES**													
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous	TOTAL	Man - Caused	% Man-Caused	1/ Owner Responsibility		2/ Railroad Fires	
												No.	%	No.	%
MINNESOTA	Federal	9	10	1	3	2	2	12	39	30	76.92	---	---	2	5.12
	State & Private	8	13	58	182	174	139	34	608	600	98.68	269	44.24	108	17.76
	TOTAL	17	23	59	185	176	141	46	647	630	97.37	269	41.58	110	17.00
MISSISSIPPI	Federal	3	23	43	20	116	7	40	252	249	98.81	---	---	3	1.19
	State & Private	17	69	536	2,065	4,743	242	290	7,962	7,945	99.79	1,580	19.84	236	2.96
	TOTAL	20	92	579	2,085	4,859	249	330	8,214	8,194	99.76	1,580	19.24	239	2.91
MISSOURI	Federal	2	11	23	8	89	7	24	164	162	98.78	---	---	2	1.22
	State & Private	1	50	167	1,674	860	274	217	3,243	3,242	99.97	1,528	47.12	228	7.03
	TOTAL	3	61	190	1,682	949	281	241	3,407	3,404	99.91	1,528	44.85	230	6.75
MONTANA	Federal	340	51	45	63	12	52	32	595	255	42.86	---	---	23	3.87
	State & Private	113	21	34	34	15	141	41	399	286	71.68	140	35.09	119	29.82
	TOTAL	453	72	79	97	27	193	73	994	541	54.43	140	14.08	142	14.29
NEBRASKA	Federal	11	1	3	3	1	4	1	24	13	54.16	---	---	2	8.33
	State & Private	58	---	10	43	4	28	97	240	182	75.83	71	29.58	57	23.75
	TOTAL	69	1	13	46	5	32	98	264	195	73.86	71	26.89	59	22.35
NEVADA	Federal	179	14	6	7	3	5	19	233	54	23.18	---	---	1	0.43
	State & Private	12	39	8	5	7	52	31	154	142	92.20	50	32.47	38	24.67
	TOTAL	191	53	14	12	10	57	50	387	196	50.65	50	12.92	39	10.08
NEW HAMPSHIRE	Federal	---	1	2	---	2	---	2	7	7	100.00	---	---	---	---
	State & Private	5	24	115	120	68	33	108	473	468	98.94	164	34.67	25	5.29
	TOTAL	5	25	117	120	70	33	110	480	475	98.96	164	34.17	25	5.21
NEW JERSEY	Federal	---	1	---	---	1	---	---	2	2	100.00	---	---	---	---
	State & Private	2	32	492	56	332	26	297	1,237	1,235	99.84	79	6.39	19	1.54
	TOTAL	2	33	492	56	333	26	297	1,239	1,237	98.96	79	6.38	19	1.53
NEW MEXICO	Federal	636	24	15	20	15	8	16	734	98	13.35	---	---	---	---
	State & Private	80	4	4	8	---	3	12	111	31	27.93	7	7.21	1	0.90
	TOTAL	716	28	19	28	15	11	28	845	129	15.27	8	0.95	1	0.12
NEW YORK	Federal	---	1	---	2	---	---	---	3	3	100.00	---	---	---	---
	State & Private	13	30	176	351	75	108	141	894	881	98.55	9	1.01	101	11.30
	TOTAL	13	31	176	353	75	108	141	897	884	98.55	9	1.00	101	11.26
NORTH CAROLINA	Federal	5	13	15	13	19	6	14	85	80	94.12	---	---	5	5.88
	State & Private	18	87	721	1,590	925	402	434	4,177	4,159	99.57	1,511	36.17	306	7.33
	TOTAL	23	100	736	1,603	944	408	448	4,262	4,239	99.46	1,511	35.45	311	7.30
NORTH DAKOTA	Federal	5	1	8	25	10	3	3	55	50	90.91	---	---	1	1.82
	State & Private	---	---	---	3	---	2	1	6	6	100.00	5	83.33	2	33.33
	TOTAL	5	1	8	28	10	5	4	61	56	91.80	5	8.20	3	4.92
OHIO	Federal	---	1	5	5	8	---	3	22	22	100.00	---	---	---	---
	State & Private	7	26	431	936	294	157	164	2,015	2,008	99.65	963	47.79	126	6.25
	TOTAL	7	27	436	941	302	157	167	2,037	2,030	99.66	963	47.27	126	6.19
OKLAHOMA	Federal	3	2	3	3	37	4	13	65	62	95.39	---	---	3	4.62
	State & Private	1	7	53	185	740	16	60	1,062	1,061	99.91	101	9.51	1	0.09
	TOTAL	4	9	56	188	777	20	73	1,127	1,123	99.65	101	8.96	4	0.35

** See Page 49 for General Fire Cause Definitions.

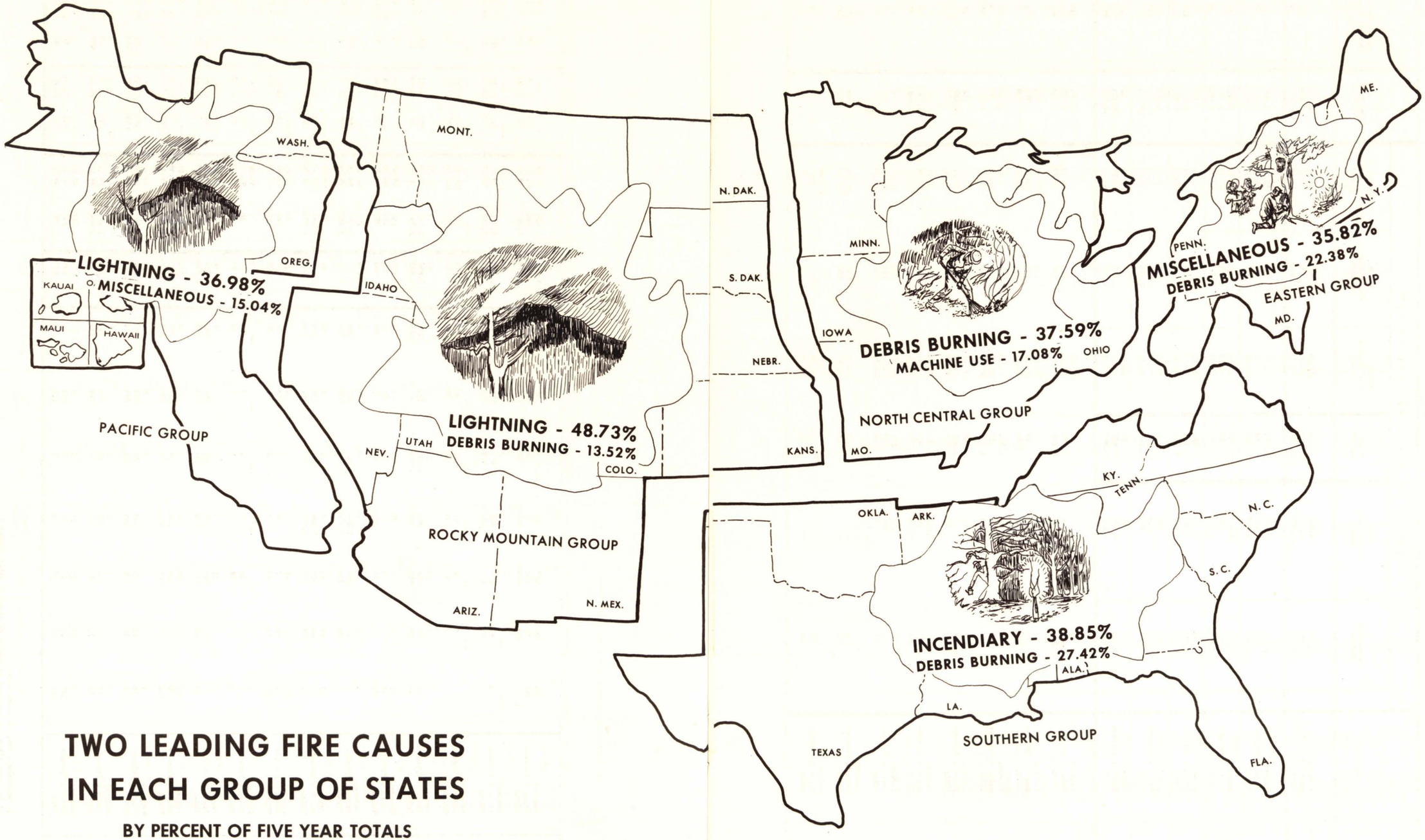
STATES															
OREGON	Federal	788	195	122	34	8	49	56	1,252	464	37.06	---	---	24	1.92
	State & Private	363	74	152	91	20	101	163	964	601	62.34	264	27.39	60	6.22
	TOTAL	1,151	269	274	125	28	150	219	2,216	1,065	48.06	264	11.91	84	3.79
PENNSYLVANIA	Federal	---	---	2	1	2	1	---	6	6	100.00	---	---	1	16.67
	State & Private	4	66	169	431	477	289	299	1,735	1,731	99.77	225	12.97	281	16.20
	TOTAL	4	66	171	432	479	290	299	1,741	1,737	99.77	225	12.93	282	16.20
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	5	11	68	130	28	69	311	311	100.00	87	27.97	14	4.50
	TOTAL	---	5	11	68	130	28	69	311	311	100.00	87	27.97	14	4.50
SOUTH CAROLINA	Federal	3	1	13	3	13	7	5	45	42	93.33	---	---	2	4.44
	State & Private	40	88	982	965	1,107	254	404	3,840	3,800	98.96	561	14.61	148	3.85
	TOTAL	43	89	995	968	1,120	261	409	3,885	3,842	98.89	561	14.44	150	3.86
SOUTH DAKOTA	Federal	77	2	10	70	7	8	49	223	146	65.47	---	---	1	0.45
	State & Private	79	---	4	27	14	59	37	220	141	64.09	55	25.00	55	25.00
	TOTAL	156	2	14	97	21	67	86	443	287	64.79	55	12.42	56	12.64
TENNESSEE	Federal	4	48	8	2	50	1	6	119	115	96.64	---	---	1	0.84
	State & Private	4	77	274	1,324	1,105	181	286	3,251	3,247	99.88	868	26.70	155	4.77
	TOTAL	8	125	282	1,326	1,155	182	292	3,370	3,362	99.76	868	25.76	156	4.63
TEXAS	Federal	11	14	24	8	14	2	19	92	81	88.04	---	---	1	1.09
	State & Private	22	169	428	1,004	492	159	245	2,519	2,497	99.13	913	36.24	90	3.57
	TOTAL	33	183	452	1,012	506	161	264	2,611	2,578	98.74	913	34.97	91	3.49
UTAH	Federal	202	25	11	9	1	9	9	266	64	24.06	---	---	2	0.75
	State & Private	40	10	7	20	2	22	41	142	102	71.83	31	21.83	18	12.68
	TOTAL	242	35	18	29	3	31	50	408	166	40.69	31	7.60	20	4.90
VERMONT	Federal	1	1	---	---	---	---	---	2	1	50.00	---	---	---	---
	State & Private	3	6	18	24	4	2	24	81	78	96.30	26	32.10	2	2.47
	TOTAL	4	7	18	24	4	2	24	83	79	95.18	26	31.33	2	2.41
VIRGINIA	Federal	9	5	13	3	9	6	11	56	47	83.93	---	---	1	1.79
	State & Private	19	37	394	626	224	267	367	1,934	1,915	99.02	502	25.96	210	10.86
	TOTAL	28	42	407	629	233	273	378	1,990	1,962	98.59	502	25.22	211	10.60
WASHINGTON	Federal	100	103	80	30	7	22	43	385	285	74.03	---	---	5	1.30
	State & Private	70	129	224	255	57	277	281	1,293	1,223	94.59	567	43.85	260	20.11
	TOTAL	170	232	304	285	64	299	324	1,678	1,508	89.87	567	33.79	265	15.79
WEST VIRGINIA	Federal	1	2	5	---	2	6	2	18	17	94.44	---	---	6	33.33
	State & Private	10	31	173	569	711	288	277	2,059	2,049	99.51	689	33.46	283	13.74
	TOTAL	11	33	178	569	713	294	279	2,077	2,066	99.47	689	33.17	289	13.91
WISCONSIN	Federal	2	1	1	3	1	1	---	9	7	77.78	---	---	1	11.11
	State & Private	15	31	201	238	49	938	232	1,704	1,689	99.12	453	26.58	926	54.34
	TOTAL	17	32	202	241	50	939	232	1,713	1,696	99.00	453	26.44	927	54.12
WYOMING	Federal	132	37	13	21	3	8	17	231	99	42.86	---	---	1	0.43
	State & Private	189	20	27	43	3	103	11	396	207	52.27	142	35.86	80	20.20
	TOTAL	321	57	40	64	6	111	28	627	306	48.80	142	22.65	81	12.92

1/ On State & Private lands only.
2/ Railroad fires are included in number of fires by other causes.

TWO LEADING FIRE CAUSES IN EACH GROUP OF STATES

BY PERCENT OF FIVE YEAR TOTALS

1965 - 1969



NUMBER OF WILDFIRES IN THE UNITED STATES BY AREA TYPES - CALENDAR YEAR 1969

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	NUMBER OF FIRES BY AREA TYPES **						GRAND TOTAL	Number of Fires Per MM Acres Protected
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Number Fires	TOTAL NONFORESTED WATERSHED	Percent of Total Number Fires		
UNITED STATES	Federal	3,651	4,953	8,604	85.09	1,508	14.91	10,112	16
	State & Private	76,600	5,437	82,037	84.23	15,356	15.77	97,393	190
	TOTAL	80,251	10,390	90,641	84.31	16,864	15.69	107,505	92
ROCKY MOUNTAIN GROUP	Federal	1,014	2,650	3,664	79.67	935	20.33	4,599	15
	State & Private	670	428	1,098	33.53	2,177	66.47	3,275	31
	TOTAL	1,684	3,078	4,762	60.48	3,112	39.52	7,874	19
PACIFIC GROUP	Federal	1,219	2,034	3,253	85.99	530	14.01	3,783	12
	State & Private	1,991	198	2,189	38.32	3,523	61.68	5,712	90
	TOTAL	3,210	2,232	5,442	57.31	4,053	42.69	9,495	24
NORTH CENTRAL GROUP	Federal	254	33	287	99.31	2	0.69	289	27
	State & Private	3,978	240	4,218	43.72	5,429	56.28	9,647	127
	TOTAL	4,232	273	4,505	45.34	5,431	54.66	9,936	115
SOUTHERN GROUP	Federal	1,135	203	1,338	97.10	40	2.90	1,378	87
	State & Private	61,251	478	61,729	96.37	2,325	3.63	64,054	339
	TOTAL	62,386	681	63,067	96.39	2,365	3.61	65,432	319
EASTERN GROUP	Federal	29	33	62	98.41	1	1.59	63	24
	State & Private	8,710	4,093	12,803	87.07	1,902	12.93	14,705	192
	TOTAL	8,739	4,126	12,865	87.11	1,903	12.89	14,768	187
STATES									
ALABAMA	Federal	79	2	81	100.00	---	---	81	118
	State & Private	8,869	9	8,878	93.68	599	6.32	9,477	453
	TOTAL	8,948	11	8,959	93.73	599	6.27	9,558	442
ALASKA	Federal	85	6	91	35.00	169	65.00	260	1
	State & Private	72	17	89	34.23	171	65.77	260	16
	TOTAL	157	23	180	34.62	340	65.38	520	2
ARIZONA	Federal	180	1,084	1,264	94.19	78	5.81	1,342	30
	State & Private	27	---	27	67.50	13	32.50	40	30
	TOTAL	207	1,084	1,291	93.42	91	6.58	1,382	30
ARKANSAS	Federal	127	21	148	100.00	---	---	148	58
	State & Private	3,338	4	3,342	79.89	841	20.11	4,183	253
	TOTAL	3,465	25	3,490	80.58	841	19.42	4,331	227
CALIFORNIA	Federal	163	1,619	1,782	94.49	104	5.51	1,886	51
	State & Private	405	57	462	14.62	2,698	85.38	3,160	158
	TOTAL	568	1,676	2,244	44.47	2,802	55.53	5,046	88
COLORADO	Federal	48	173	221	80.07	55	19.93	276	12
	State & Private	54	104	158	31.66	341	68.34	499	53
	TOTAL	102	277	379	48.90	396	51.10	775	23
CONNECTICUT	Federal	---	---	---		---	---	---	---
	State & Private	259	---	259	64.91	140	35.09	399	201
	TOTAL	259	---	259	64.91	140	35.09	399	201
DELAWARE	Federal	---	---	---	---	1	100.00	1	50
	State & Private	20	---	20	100.00	---	---	20	51
	TOTAL	20	---	20	95.24	1	4.76	21	51

STATES									
FLORIDA	Federal	120	6	126	96.18	5	3.82	131	78
	State & Private	4,824	74	4,898	100.00	---	---	4,898	278
	TOTAL	4,944	80	5,024	99.90	5	0.10	5,029	260
GEORGIA	Federal	46	10	56	100.00	---	---	56	45
	State & Private	8,743	---	8,743	100.00	---	---	8,743	363
	TOTAL	8,789	10	8,799	100.00	---	---	8,799	347
HAWAII	Federal	---	---	---	---	---	---	---	---
	State & Private	2	10	12	34.29	23	65.71	35	18
	TOTAL	2	10	12	34.29	23	65.71	35	17
IDAHO	Federal	178	333	511	82.42	109	17.58	620	18
	State & Private	196	23	219	43.63	283	56.37	502	51
	TOTAL	374	356	730	65.06	392	34.94	1,122	25
ILLINOIS	Federal	5	4	9	100.00	---	---	9	29
	State & Private	93	---	93	38.27	150	61.73	243	68
	TOTAL	98	4	102	40.48	150	59.52	252	65
INDIANA	Federal	7	---	7	100.00	---	---	7	45
	State & Private	57	108	165	24.09	520	75.91	685	171
	TOTAL	64	108	172	24.86	520	75.14	692	166
IOWA	Federal	---	---	---	---	---	---	---	---
	State & Private	4	5	9	6.77	124	93.23	133	51
	TOTAL	4	5	9	6.77	124	93.23	133	51
KANSAS	Federal	---	---	---	---	---	---	---	---
	State & Private	3	10	13	2.30	553	97.70	566	45
	TOTAL	3	10	13	2.30	553	97.70	566	45
KENTUCKY	Federal	69	8	77	100.00	---	---	77	96
	State & Private	3,079	---	3,079	100.00	---	---	3,079	281
	TOTAL	3,148	8	3,156	100.00	---	---	3,156	268
LOUISIANA	Federal	170	1	171	100.00	---	---	171	242
	State & Private	8,929	---	8,929	100.00	---	---	8,929	730
	TOTAL	9,099	1	9,100	100.00	---	---	9,100	703
MAINE	Federal	---	---	---	---	---	---	---	---
	State & Private	218	17	235	78.33	65	21.67	300	17
	TOTAL	218	17	235	78.33	65	21.67	300	17
MARYLAND	Federal	---	7	7	100.00	---	---	7	250
	State & Private	411	110	521	95.95	22	4.05	543	190
	TOTAL	411	117	528	96.00	22	4.00	550	190
MASSACHUSETTS	Federal	---	17	17	100.00	---	---	17	850
	State & Private	1,571	3,696	5,267	79.17	1,386	20.83	6,653	2,046
	TOTAL	1,571	3,713	5,284	79.22	1,386	20.78	6,670	2,936
MICHIGAN	Federal	34	5	39	100.00	---	---	39	13
	State & Private	946	52	998	98.23	18	1.77	1,016	58
	TOTAL	980	57	1,037	98.29	18	1.71	1,055	51

* See Page 48 for list of States included in each Group.
** See Page 49 for Area Type (Land Classification) definitions.

STATES	OWNERSHIP	NUMBER OF FIRES BY AREA TYPES**						GRAND TOTAL	Number of Fires Per MM Acres Protected
		Commercial Forest	Non - Commercial Forest	TOTAL FOREST	Percent of Total Number Fires	TOTAL NONFORESTED WATERSHED	Percent of Total Number Fires		
MINNESOTA	Federal	32	5	37	94.87	2	5.13	39	11
	State & Private	140	46	186	30.59	422	69.41	608	34
	TOTAL	172	51	223	34.47	424	65.53	647	30
MISSISSIPPI	Federal	212	39	251	99.60	1	0.40	252	203
	State & Private	7,962	---	7,962	100.00	---	---	7,962	508
	TOTAL	8,174	39	8,213	99.99	1	0.01	8,214	486
MISSOURI	Federal	147	17	164	100.00	---	---	164	110
	State & Private	1,868	20	1,888	58.22	1,355	41.78	3,243	291
	TOTAL	2,015	37	2,052	60.23	1,355	39.77	3,407	270
MONTANA	Federal	207	236	443	74.45	152	25.55	595	18
	State & Private	175	37	212	53.13	187	46.87	399	59
	TOTAL	382	273	655	94.38	39	48.85	694	18
NEBRASKA	Federal	1	9	10	41.67	14	58.33	24	44
	State & Private	6	---	6	2.50	234	97.50	240	34
	TOTAL	7	9	16	6.06	248	93.94	264	35
NEVADA	Federal	2	57	59	25.32	174	74.68	233	4
	State & Private	7	59	66	42.86	88	57.14	154	69
	TOTAL	9	116	125	32.30	262	67.70	387	7
NEW HAMPSHIRE	Federal	7	---	7	100.00	---	---	7	10
	State & Private	282	97	379	80.13	94	19.87	473	109
	TOTAL	289	97	386	80.42	94	19.58	480	96
NEW JERSEY	Federal	---	2	2	100.00	---	---	2	80
	State & Private	1,086	---	1,086	87.79	151	12.21	1,237	587
	TOTAL	1,086	2	1,088	87.81	151	12.19	1,239	581
NEW MEXICO	Federal	190	495	685	93.32	49	6.68	734	24
	State & Private	63	30	93	83.78	18	16.22	111	3
	TOTAL	253	525	778	92.07	67	7.93	845	12
NEW YORK	Federal	---	3	3	100.00	---	---	3	83
	State & Private	879	15	894	100.00	---	---	894	71
	TOTAL	879	18	897	100.00	---	---	897	70
NORTH CAROLINA	Federal	55	20	75	88.24	10	11.76	85	54
	State & Private	3,289	240	3,529	84.49	648	15.51	4,177	234
	TOTAL	3,344	260	3,604	84.56	658	15.44	4,262	220
NORTH DAKOTA	Federal	---	8	8	14.55	47	85.45	55	25
	State & Private	1	---	1	16.67	5	83.33	6	26
	TOTAL	1	8	9	14.75	52	85.25	61	25
OHIO	Federal	22	---	22	100.00	---	---	22	148
	State & Private	674	---	674	33.45	1,341	66.55	2,015	503
	TOTAL	696	---	696	34.17	1,341	65.83	2,037	490
OKLAHOMA	Federal	35	13	48	73.85	17	26.15	65	173
	State & Private	947	115	1,062	100.00	---	---	1,062	246
	TOTAL	982	128	1,110	98.49	17	1.51	1,127	240

STATES									
OREGON	Federal	704	339	1,043	83.31	209	16.69	1,252	40
	State & Private	554	106	660	68.46	304	31.54	964	74
	TOTAL	1,258	445	1,703	76.85	513	23.15	2,216	50
PENNSYLVANIA	Federal	4	2	6	100.00	---	---	6	12
	State & Private	1,735	---	1,735	100.00	---	---	1,735	105
	TOTAL	1,739	2	1,741	100.00	---	---	1,741	102
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---
	State & Private	139	158	297	95.50	14	4.50	311	717
	TOTAL	139	158	297	95.50	14	4.50	311	717
SOUTH CAROLINA	Federal	43	1	44	97.78	1	2.22	45	69
	State & Private	3,840	---	3,840	100.00	---	---	3,840	319
	TOTAL	3,883	1	3,884	99.97	1	0.03	3,885	306
SOUTH DAKOTA	Federal	8	80	88	100.00	---	---	88	12
	State & Private	39	143	182	82.73	38	17.27	220	56
	TOTAL	47	223	270	87.66	38	12.34	308	28
TENNESSEE	Federal	82	37	119	100.00	---	---	119	120
	State & Private	3,251	---	3,251	100.00	---	---	3,251	257
	TOTAL	3,333	37	3,370	100.00	---	---	3,370	247
TEXAS	Federal	73	14	87	94.57	5	5.43	92	54
	State & Private	2,519	---	2,519	100.00	---	---	2,519	255
	TOTAL	2,592	14	2,606	99.81	5	0.19	2,611	226
UTAH	Federal	59	117	176	66.17	90	33.83	266	8
	State & Private	3	11	14	9.86	128	90.14	142	16
	TOTAL	62	128	190	46.57	218	53.43	408	9
VERMONT	Federal	1	1	2	100.00	---	---	2	8
	State & Private	51	---	51	62.96	30	37.04	81	20
	TOTAL	52	1	53	63.86	30	36.14	83	19
VIRGINIA	Federal	24	31	55	98.21	1	1.79	56	31
	State & Private	1,661	36	1,697	87.75	237	12.25	1,934	134
	TOTAL	1,685	67	1,752	88.04	238	11.96	1,990	123
WASHINGTON	Federal	267	70	337	87.53	48	12.47	385	29
	State & Private	958	8	966	74.71	327	25.29	1,293	103
	TOTAL	1,225	78	1,303	77.65	375	22.35	1,678	66
WEST VIRGINIA	Federal	17	1	18	100.00	---	---	18	19
	State & Private	2,059	---	2,059	100.00	---	---	2,059	195
	TOTAL	2,076	1	2,077	100.00	---	---	2,077	181
WISCONSIN	Federal	7	2	9	100.00	---	---	9	5
	State & Private	196	9	205	12.03	1,499	87.97	1,704	112
	TOTAL	203	11	214	12.49	1,499	87.51	1,713	101
WYOMING	Federal	141	50	191	82.68	40	17.32	231	8
	State & Private	96	11	107	27.02	289	72.98	396	58
	TOTAL	237	61	298	47.53	329	52.47	627	17

** See Page 49 for Area Type (Land Classification) definitions.

NUMBER OF WILDFIRES IN THE UNITED STATES BY SIZE CLASSES - CALENDAR YEAR 1969

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	NUMBER OF FIRES BY SIZE CLASSES**							TOTAL	No. Fires In Classes E, F, & G	% of Total No. Fires
		A	B	C	D	E	F	G			
UNITED STATES	Federal	6,581	2,585	675	120	72	40	39	10,112	151	1.49
	State & Private	18,920	60,346	16,314	1,425	310	66	12	97,393	388	0.40
	TOTAL	25,501	62,931	16,989	1,545	382	106	51	107,505	539	0.50
ROCKY MOUNTAIN GROUP	Federal	3,123	1,053	282	81	38	18	4	4,599	60	1.30
	State & Private	1,625	1,091	435	49	52	20	3	3,275	75	2.29
	TOTAL	4,748	2,144	717	130	90	38	7	7,874	135	1.71
PACIFIC GROUP	Federal	3,046	507	116	28	30	22	34		86	2.27
	State & Private	3,825	1,534	261	50	27	8	7	5,712	42	0.74
	TOTAL	6,871	2,041	377	78	57	30	41	9,495	128	1.35
NORTH CENTRAL GROUP	Federal	93	157	37	1	1	---	---	289	1	0.35
	State & Private	2,141	5,759	1,534	166	38	9	---	9,647	47	0.49
	TOTAL	2,234	5,916	1,571	167	39	9	---	9,936	48	0.48
SOUTHERN GROUP	Federal	288	843	234	10	3	---	---	1,378	3	0.22
	State & Private	5,471	44,667	12,686	1,046	156	26	2	64,054	184	0.29
	TOTAL	5, 59	45,510	12,920	1,056	159	26	2	65,432	187	0.29
EASTERN GROUP	Federal	31	25	6	---	---	---	1	63	1	1.59
	State & Private	5,858	7,295	1,398	114	37	3	---	14,705	40	0.27
	TOTAL	5,889	7,320	1,404	114	37	3	1	14,768	41	0.28
STATES											
ALABAMA	Federal	6	49	25	1	---	---	---	81	---	---
	State & Private	396	6,158	2,640	246	35	2	---	9,477	37	0.39
	TOTAL	402	6,207	2,665	247	35	2	---	9,558	37	0.39
ALASKA	Federal	68	75	41	8	18	18	32	260	68	26.15
	State & Private	131	83	25	11	3	4	3	260	10	3.85
	TOTAL	199	158	66	19	21	22	35	520	78	15.00
ARIZONA	Federal	901	315	88	21	14	2	1	1,342	17	1.27
	State & Private	23	14	2	1	---	---	---	40	---	---
	TOTAL	924	329	90	22	14	2	1	1,382	17	1.23
ARKANSAS	Federal	44	85	18	1	---	---	---	148	---	---
	State & Private	234	2,301	1,399	213	33	3	---	4,183	36	0.86
	TOTAL	278	2,386	1,417	214	33	3	---	4,331	36	0.83
CALIFORNIA	Federal	1,542	288	37	8	9	2	---	1,886	11	0.58
	State & Private	1,937	999	176	28	17	1	2	3,160	20	0.63
	TOTAL	3,479	1,287	213	36	26	3	2	5,046	31	0.61
COLORADO	Federal	210	51	12	3	---	---	---	276	---	---
	State & Private	280	179	29	4	5	2	---	499	7	1.40
	TOTAL	490	230	41	7	5	2	---	775	7	0.90
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	38	351	9	1	---	---	---	399	---	---
	TOTAL	38	351	9	1	---	---	---	399	---	---
DELAWARE	Federal	---	---	---	---	---	---	1	1	1	100.00
	State & Private	2	14	4	---	---	---	---	20	---	---
	TOTAL	2	14	4	---	---	---	1	21	1	100.00

* See Page 48 for list of States included in each Group.

STATES											
FLORIDA	Federal	39	75	15	---	2	---	---	131	2	1.53
	State & Private	520	3,187	1,094	90	5	2	---	4,898	7	0.14
	TOTAL	559	3,262	1,109	90	7	2	---	5,029	9	0.18
GEORGIA	Federal	13	35	8	---	---	---	---	56	---	---
	State & Private	1,132	6,962	622	27	---	---	---	8,743	---	---
	TOTAL	1,145	6,997	630	27	---	---	---	8,799	---	---
HAWAII	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	2	14	8	3	6	---	2	35	8	22.86
	TOTAL	2	14	8	3	6	---	2	35	8	22.86
IDAHO	Federal	469	101	24	8	8	8	2	620	18	2.90
	State & Private	325	108	44	10	10	5	---	502	15	2.99
	TOTAL	794	209	68	18	18	13	2	1,122	33	2.94
ILLINOIS	Federal	2	7	---	---	---	---	---	9	---	---
	State & Private	15	143	77	8	---	---	---	243	---	---
	TOTAL	17	150	77	8	---	---	---	252	---	---
INDIANA	Federal	1	3	3	---	---	---	---	7	---	---
	State & Private	2	534	125	14	9	1	---	685	10	1.46
	TOTAL	3	537	128	14	9	1	---	692	10	1.45
IOWA	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	21	80	29	3	---	---	---	133	---	---
	TOTAL	21	80	29	3	---	---	---	133	---	---
KANSAS	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	283	152	113	13	4	1	---	566	5	0.88
	TOTAL	283	152	113	13	4	1	---	566	5	0.88
KENTUCKY	Federal	12	54	11	---	---	---	---	77	---	---
	State & Private	71	2,042	896	64	4	2	---	3,079	6	0.19
	TOTAL	83	2,096	907	64	4	2	---	3,156	6	0.19
LOUISIANA	Federal	31	114	24	1	1	---	---	171	1	0.58
	State & Private	851	6,338	1,605	119	14	2	---	8,929	16	0.18
	TOTAL	882	6,452	1,629	120	15	2	---	9,100	17	0.19
MAINE	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	120	159	16	4	---	1	---	300	1	0.33
	TOTAL	120	159	16	4	---	1	---	300	1	0.33
MARYLAND	Federal	3	4	---	---	---	---	---	7	---	---
	State & Private	168	342	33	---	---	---	---	543	---	---
	TOTAL	171	346	33	---	---	---	---	550	---	---
MASSACHUSETTS	Federal	12	4	1	---	---	---	---	17	---	---
	State & Private	4,012	2,589	46	4	2	---	---	6,653	2	0.03
	TOTAL	4,024	2,593	47	4	2	---	---	6,670	2	0.03
MICHIGAN	Federal	17	21	1	---	---	---	---	39	---	---
	State & Private	272	641	98	3	2	---	---	1,016	2	0.20
	TOTAL	289	662	99	3	2	---	---	1,055	2	0.19

** Size Classes: A = 0.25 acres or less.
B = 0.26 acres to 10 acres.
C = 10.1 acres to 100 acres.

** Size Classes: D = 100.1 acres to 300 acres.
E = 300.1 acres to 1,000 acres.
F = 1,000.1 acres to 5,000 acres.
G = 5,000.1 acres or more.

STATES	OWNERSHIP	NUMBER OF FIRES BY SIZE CLASSES**							TOTAL	No. Fires In Classes E, F & G	% of Total No. Fires
		A	B	C	D	E	F	G			
MINNESOTA	Federal	27	9	3	---	---	---	---	39	---	---
	State & Private	165	298	114	19	8	4	---	608	12	1.97
	TOTAL	192	307	117	19	8	4	---	647	12	1.86
MISSISSIPPI	Federal	38	164	49	1	---	---	---	252	---	---
	State & Private	259	5,954	1,667	71	11	---	---	7,962	11	0.14
	TOTAL	297	6,118	1,716	72	11	---	---	8,214	11	0.13
MISSOURI	Federal	35	103	24	1	1	---	---	164	1	0.61
	State & Private	369	1,952	800	103	15	4	---	3,243	19	0.59
	TOTAL	404	2,055	824	104	16	4	---	3,407	20	0.59
MONTANA	Federal	361	174	39	11	6	4	---	595	10	1.68
	State & Private	247	134	15	2	1	---	---	399	1	0.25
	TOTAL	608	308	54	13	7	4	---	994	11	1.11
NEBRASKA	Federal	6	6	7	4	1	---	---	24	1	4.16
	State & Private	76	104	46	2	7	4	1	240	12	5.00
	TOTAL	82	110	53	6	8	4	1	264	13	4.92
NEVADA	Federal	184	31	12	6	---	---	---	233	---	---
	State & Private	119	25	8	1	---	1	---	154	1	0.65
	TOTAL	303	56	20	7	---	1	---	387	1	0.26
NEW HAMPSHIRE	Federal	6	---	1	---	---	---	---	7	---	---
	State & Private	344	122	7	---	---	---	---	473	---	---
	TOTAL	350	122	8	---	---	---	---	480	---	---
NEW JERSEY	Federal	2	---	---	---	---	---	---	2	---	---
	State & Private	440	747	48	2	---	---	---	1,237	---	---
	TOTAL	442	747	48	2	---	---	---	1,239	---	---
NEW MEXICO	Federal	504	193	25	8	1	2	1	734	4	0.55
	State & Private	54	29	16	4	3	3	2	111	8	7.21
	TOTAL	558	222	41	12	4	5	3	845	12	1.42
NEW YORK	Federal	2	---	1	---	---	---	---	3	---	---
	State & Private	119	632	142	1	---	---	---	894	---	---
	TOTAL	121	632	143	1	---	---	---	897	---	---
NORTH CAROLINA	Federal	17	48	19	1	---	---	---	85	---	---
	State & Private	608	2,878	613	64	9	4	1	4,177	14	0.34
	TOTAL	625	2,926	632	65	9	4	1	4,262	14	0.33
NORTH DAKOTA	Federal	8	22	18	6	1	---	---	55	1	1.82
	State & Private	---	5	1	---	---	---	---	6	---	---
	TOTAL	8	27	19	6	1	---	---	61	1	1.64
OHIO	Federal	6	11	5	---	---	---	---	22	---	---
	State & Private	403	1,359	235	14	4	---	---	2,015	4	0.20
	TOTAL	409	1,370	240	14	4	---	---	2,037	4	0.20
OKLAHOMA	Federal	13	34	17	1	---	---	---	65	---	---
	State & Private	50	480	388	103	31	9	1	1,062	41	3.86
	TOTAL	63	514	405	104	31	9	1	1,127	41	3.64

STATES												
OREGON	Federal	1,120	95	25	5	3	2	2	1,252	7	0.56
	State & Private	793	149	19	2	---	1	---	964	1	0.10
	TOTAL	1,913	244	44	7	3	3	2	2,216	8	0.37
PENNSYLVANIA	Federal	2	3	1	---	---	---	---	6	---	---
	State & Private	358	1,081	272	20	2	2	---	1,735	4	0.23
	TOTAL	360	1,084	273	20	2	2	---	1,741	4	0.23
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	155	136	17	3	---	---	---	311	---	---
	TOTAL	155	136	17	3	---	---	---	311	---	---
SOUTH CAROLINA	Federal	5	30	10	---	---	---	---	45	---	---
	State & Private	474	2,897	452	13	3	1	---	3,840	4	0.10
	TOTAL	479	2,927	462	13	3	1	---	3,885	4	0.10
SOUTH DAKOTA	Federal	121	59	28	10	3	2	---	223	5	2.24
	State & Private	75	105	36	2	2	---	---	220	2	0.91
	TOTAL	196	164	64	12	5	2	---	443	7	1.58
TENNESSEE	Federal	24	77	17	1	---	---	---	119	---	---
	State & Private	124	2,649	454	19	4	1	---	3,251	5	0.15
	TOTAL	148	2,726	471	20	4	1	---	3,370	5	0.15
TEXAS	Federal	25	54	12	1	---	---	---	92	---	---
	State & Private	258	1,592	656	8	5	---	---	2,519	5	0.20
	TOTAL	283	1,646	668	9	5	---	---	2,611	5	0.19
UTAH	Federal	209	38	15	2	2	---	---	266	2	0.75
	State & Private	64	55	20	1	1	1	---	142	2	1.41
	TOTAL	273	93	35	3	3	1	---	408	4	0.98
VERMONT	Federal	2	---	---	---	---	---	---	2	---	---
	State & Private	24	54	3	---	---	---	---	81	---	---
	TOTAL	26	54	3	---	---	---	---	83	---	---
VIRGINIA	Federal	21	24	9	2	---	---	---	56	---	---
	State & Private	494	1,229	200	9	2	---	---	1,934	2	0.10
	TOTAL	515	1,253	209	11	2	---	---	1,990	2	0.10
WASHINGTON	Federal	316	49	13	7	---	---	---	385	---	---
	State & Private	962	289	33	6	1	2	---	1,293	3	0.23
	TOTAL	1,278	338	46	13	1	2	---	1,678	3	0.18
WEST VIRGINIA	Federal	2	14	2	---	---	---	---	18	---	---
	State & Private	78	1,068	801	79	33	---	---	2,059	33	1.60
	TOTAL	80	1,082	803	79	33	---	---	2,077	33	1.59
WISCONSIN	Federal	5	3	1	---	---	---	---	9	---	---
	State & Private	894	752	56	2	---	---	---	1,704	---	---
	TOTAL	899	755	57	2	---	---	---	1,713	---	---
WYOMING	Federal	150	63	14	2	2	---	---	231	2	0.87
	State & Private	79	181	105	9	19	3	---	396	22	5.56
	TOTAL	229	244	119	11	21	3	---	627	24	3.83

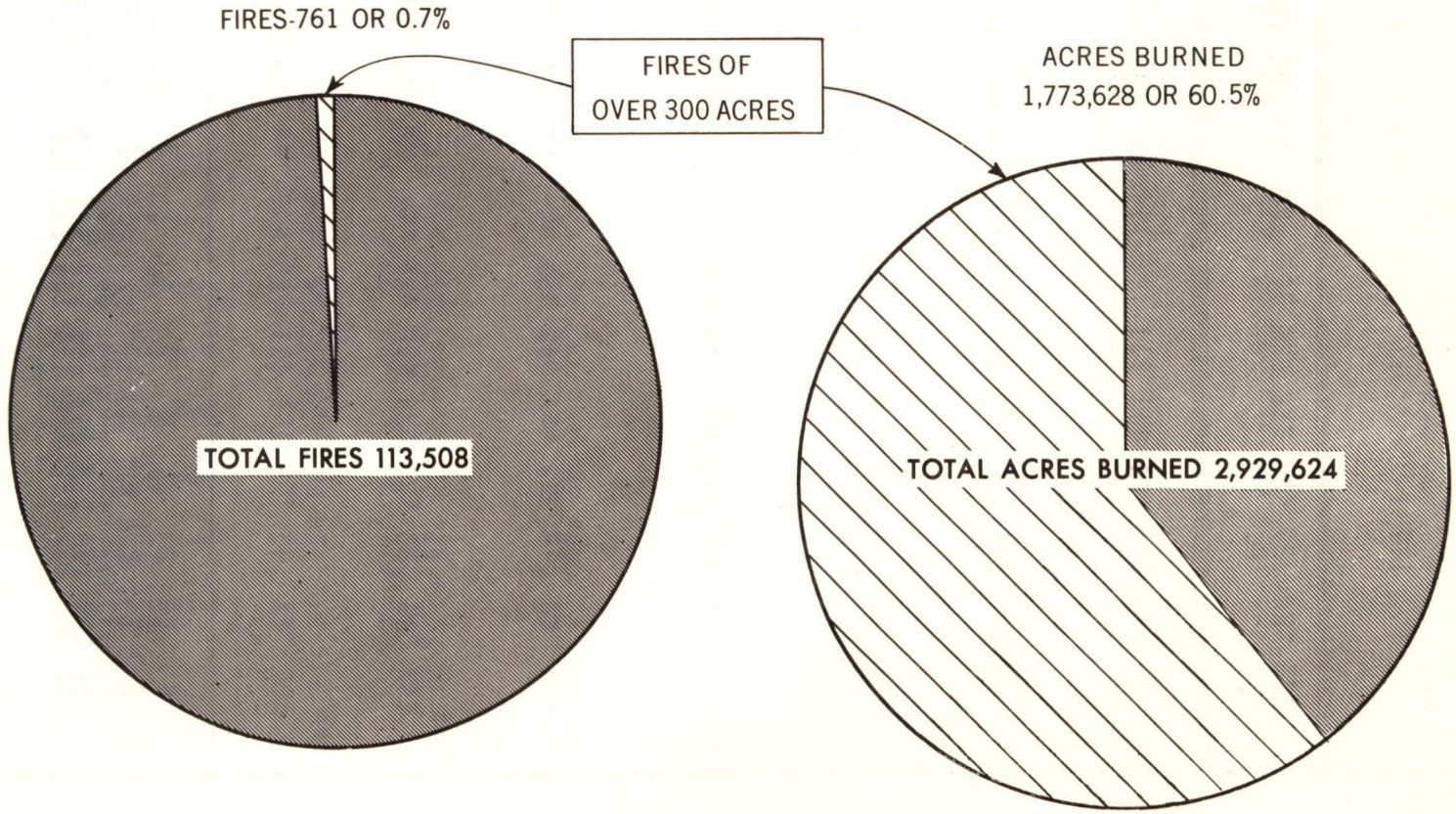
** Size Classes: A = 0.25 acres or less.
B = 0.26 acres to 10 acres.
C = 10.1 acres to 100 acres.

** Size Classes: D = 100.1 acres to 300 acres.
E = 300.1 acres to 1,000 acres.
F = 1,000.1 acres to 5,000 acres.
G = 5,000.1 acres or more.

UNITED STATES

FIRES AND ACRES BURNED ON PROTECTED LANDS

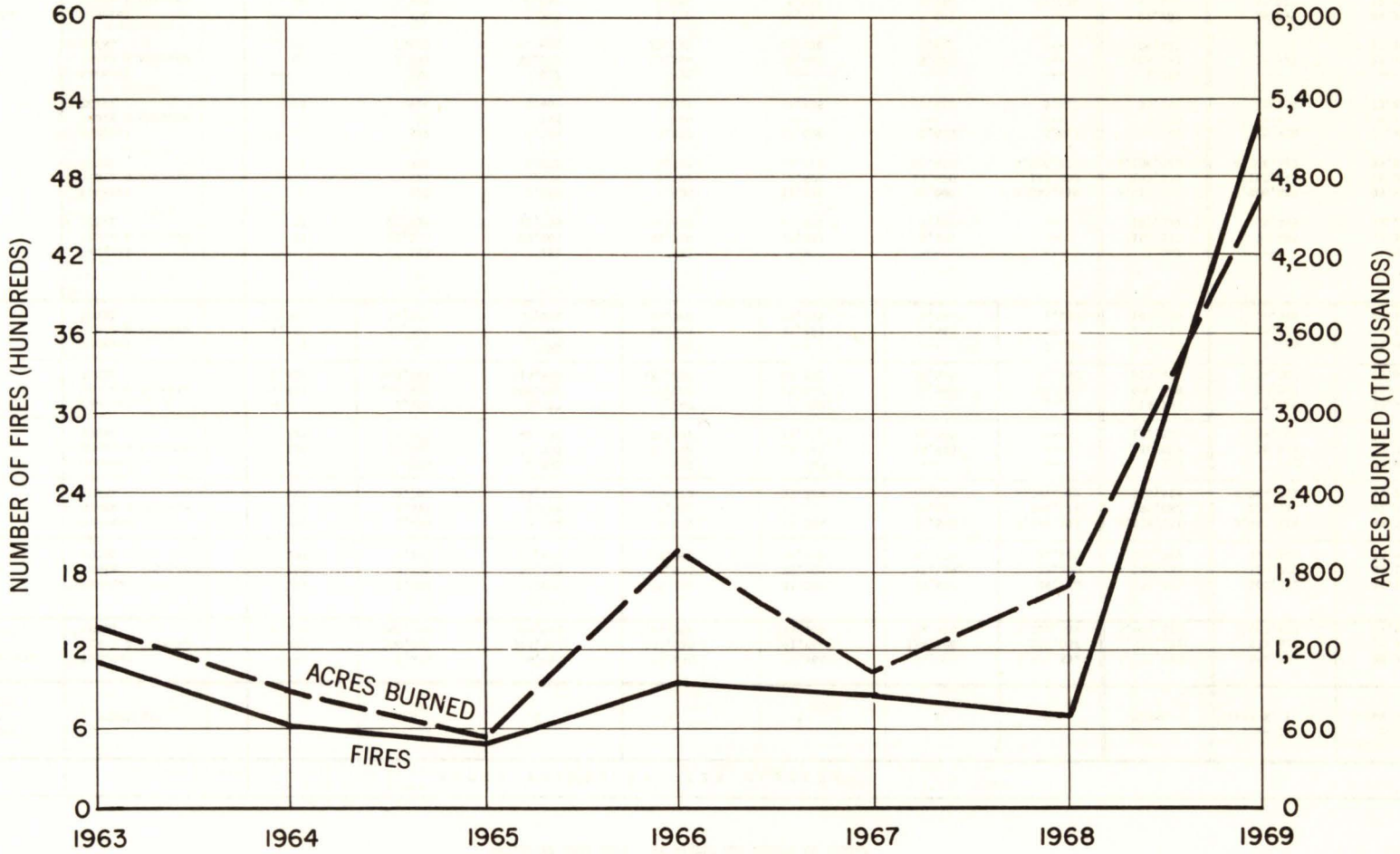
C. Y. 1963-1969 AVERAGES



UNITED STATES

CLASS E, F, G FIRES AND ACRES BURNED ON PROTECTED LANDS

C.Y. 1963-1969



ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY SIZE CLASSES - CALENDAR YEAR 1969

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	ACRES BURNED BY SIZE CLASSES** A	B	C	D	E	F	G	TOTAL	Burn In Class E, F, G	Percent of Total Acres Burned
UNITED STATES	Federal	54	7,613	26,637	23,490	72,364	96,404	3,885,532	4,112,094	4,054,300	98.59
	State & Private	3,074	200,397	521,385	244,010	161,960	134,506	317,057	1,582,389	613,523	38.77
	TOTAL	3,128	208,010	548,022	267,500	234,324	230,910	4,202,589	5,694,483	4,667,823	81.97
ROCKY MOUNTAIN GROUP	Federal	41	3,246	11,803	16,261	31,770	40,822	29,740	133,683	102,332	76.55
	State & Private	167	2,896	16,115	8,805	26,709	41,294	52,200	148,186	120,203	81.12
	TOTAL	208	6,142	27,918	25,066	58,479	82,116	81,940	281,869	222,535	78.95
PACIFIC GROUP	Federal	10	1,270	5,062	4,821	37,594	55,582	3,854,592	3,958,931	3,947,768	99.72
	State & Private	107	3,491	9,048	9,452	13,785	20,722	242,477	299,082	276,984	92.61
	TOTAL	117	4,761	14,110	14,273	51,379	76,304	4,097,069	4,258,013	4,224,752	99.22
NORTH CENTRAL GROUP	Federal	1	504	1,341	649	740	---	---	3,235	740	22.87
	State & Private	228	16,561	46,909	27,748	19,713	18,940	---	130,099	38,653	29.71
	TOTAL	229	17,065	48,250	28,397	20,453	18,940	---	133,334	39,393	29.54
SOUTHERN GROUP	Federal	---	2,508	8,257	1,740	2,260	---	---	14,765	2,260	15.31
	State & Private	1,313	160,959	406,609	179,460	79,862	50,065	22,380	900,648	152,307	16.91
	TOTAL	1,313	163,467	414,866	181,200	82,122	50,065	22,380	915,413	154,567	16.89
EASTERN GROUP	Federal	2	85	174	19	---	---	1,200	1,480	1,200	81.08
	State & Private	1,259	16,490	42,704	18,545	21,891	3,485	---	104,374	25,376	24.31
	TOTAL	1,261	16,575	42,878	18,564	21,891	3,485	1,200	105,854	26,576	25.11
STATES											
ALABAMA	Federal	---	183	791	73	---	---	---	1,047	---	---
	State & Private	73	22,355	82,265	41,354	17,333	3,150	---	166,530	20,483	12.30
	TOTAL	73	22,538	83,056	41,427	17,333	3,150	---	167,577	20,483	12.22
ALASKA	Federal	1	370	2,255	1,600	11,370	52,000	3,843,119	3,910,715	3,906,489	99.89
	State & Private	---	221	1,016	2,503	3,400	11,490	177,203	195,833	192,093	98.09
	TOTAL	1	591	3,271	4,103	14,770	63,490	4,020,322	4,106,548	4,098,582	99.81
ARIZONA	Federal	14	888	3,256	4,737	17,608	2,433	5,913	34,849	25,954	74.48
	State & Private	2	28	145	120	---	---	---	295	---	---
	TOTAL	16	916	3,401	4,857	17,608	2,433	5,913	35,144	25,954	73.85
ARKANSAS	Federal	---	238	637	354	---	---	---	1,229	---	---
	State & Private	61	7,439	42,005	33,364	16,498	8,825	---	108,192	25,323	23.41
	TOTAL	61	7,677	42,642	33,718	16,498	8,825	---	109,421	25,323	23.14
CALIFORNIA	Federal	---	550	1,366	1,570	16,517	2,282	---	22,285	18,799	84.36
	State & Private	49	2,305	6,057	4,886	6,958	5,590	23,274	49,119	35,822	72.93
	TOTAL	49	2,855	7,423	6,456	23,475	7,872	23,274	71,404	54,621	76.50
COLORADO	Federal	2	144	476	497	---	---	---	1,119	---	---
	State & Private	49	372	823	523	3,267	3,500	---	8,534	6,767	79.29
	TOTAL	51	516	1,299	1,020	3,267	3,500	---	9,653	6,767	70.10
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	28	987	301	146	---	---	---	1,462	---	---
	TOTAL	28	987	301	146	---	---	---	1,462	---	---
DELAWARE	Federal	---	---	---	---	---	---	1,200	1,200	1,200	100.00
	State & Private	1	27	147	---	---	---	---	175	---	---
	TOTAL	1	27	147	---	---	---	1,200	1,375	1,200	87.27

* See Page 48 for list of States included in each Group.

STATES											
FLORIDA	Federal	---	193	585	---	1,415	---	---	2,193	1,415	64.52
	State & Private	74	10,674	33,243	14,184	2,384	3,280	---	63,839	5,664	8.87
	TOTAL	74	10,867	33,828	14,184	3,799	3,280	---	66,032	7,079	10.72
GEORGIA	Federal	---	121	227	4	---	---	---	352	---	---
	State & Private	269	22,431	19,685	4,713	---	---	---	47,098	---	---
	TOTAL	269	22,552	19,912	4,717	---	---	---	47,450	---	---
HAWAII	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	---	39	291	440	3,080	---	42,000	45,850	45,850	98.32
	TOTAL	---	39	291	440	3,080	---	42,000	45,850	45,080	98.32
IDAHO	Federal	---	337	1,067	1,600	5,220	22,500	17,232	47,956	44,952	93.74
	State & Private	31	323	2,128	2,207	6,114	6,244	---	17,047	12,358	72.49
	TOTAL	31	660	3,195	3,807	11,334	28,744	17,232	65,003	57,310	88.17
ILLINOIS	Federal	---	36	89	---	---	---	---	125	---	---
	State & Private	3	636	2,733	1,400	---	---	---	4,772	---	---
	TOTAL	3	672	2,822	1,400	---	---	---	4,897	---	---
INDIANA	Federal	---	5	128	---	---	---	---	133	---	---
	State & Private	---	1,952	4,427	2,403	4,226	1,528	---	14,536	5,754	39.58
	TOTAL	---	1,957	4,555	2,403	4,226	1,528	---	14,669	5,754	39.23
IOWA	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	5	246	1,292	614	---	---	---	2,157	---	---
	TOTAL	5	246	1,292	614	---	---	---	2,157	---	---
KANSAS	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	8	431	3,143	1,790	1,277	2,000	---	8,649	3,277	37.89
	TOTAL	8	431	3,143	1,790	1,277	2,000	---	8,649	3,277	37.89
KENTUCKY	Federal	---	143	448	---	---	---	---	591	---	---
	State & Private	13	7,533	29,874	12,095	1,685	2,800	---	54,000	4,485	8.31
	TOTAL	13	7,676	30,322	12,095	1,685	2,800	---	54,591	4,485	8.22
LOUISIANA	Federal	---	309	831	123	845	---	---	2,108	845	40.09
	State & Private	213	20,315	55,366	21,257	7,824	2,482	---	107,457	10,306	9.59
	TOTAL	213	20,624	56,197	21,380	8,669	2,482	---	109,565	11,151	10.18
MAINE	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	14	306	443	530	---	1,105	---	2,398	1,105	46.08
	TOTAL	14	306	443	530	---	1,105	---	2,398	1,105	46.08
MARYLAND	Federal	---	7	---	---	---	---	---	7	---	---
	State & Private	22	798	1,121	---	---	---	---	1,941	---	---
	TOTAL	22	805	1,121	---	---	---	---	1,948	---	---
MASSACHUSETTS	Federal	---	13	15	---	---	---	---	28	---	---
	State & Private	930	4,323	1,432	755	931	---	---	8,371	931	11.12
	TOTAL	930	4,336	1,447	755	931	---	---	8,399	931	11.08
MICHIGAN	Federal	---	50	23	43	---	---	---	116	---	---
	State & Private	42	1,780	2,732	622	1,368	---	---	6,544	1,368	20.91
	TOTAL	42	1,830	2,755	665	1,368	---	---	6,660	1,368	20.54

** Size Classes: A = 0.25 acres or less.
B = 0.26 to 10 acres.
C = 10.1 to 100 acres.

** Size Classes: D = 100.1 to 300 acres.
E = 300.1 to 1,000 acres.
F = 1,000 acres to 5,000 acres.
G = 5,000.1 acres or more.

STATES	OWNERSHIP	ACRES BURNED BY SIZE CLASSES**							TOTAL	Burn In Class E, F, G	Percent of Total Acres Burned
		A	B	C	D	E	F	G			
MINNESOTA	Federal	---	39	134	---	---	---	---	173	---	---
	State & Private	---	933	3,920	3,260	5,126	11,336	---	24,575	16,462	66.99
	TOTAL	---	972	4,054	3,260	5,126	11,336	---	24,748	16,462	66.52
MISSISSIPPI	Federal	---	484	1,694	220	---	---	---	2,398	---	---
	State & Private	259	31,466	57,969	12,108	4,812	---	---	106,614	4,812	4.51
	TOTAL	259	31,950	59,663	12,328	4,812	---	---	109,012	4,812	4.41
MISSOURI	Federal	---	331	849	507	740	---	---	2,427	740	30.49
	State & Private	48	6,742	24,527	16,826	6,943	6,076	---	61,162	13,019	21.28
	TOTAL	48	7,073	25,376	17,333	7,683	6,076	---	63,589	13,759	21.64
MONTANA	Federal	8	519	1,546	2,225	2,870	4,693	---	11,861	7,563	63.76
	State & Private	36	230	740	390	320	---	---	1,716	320	18.65
	TOTAL	44	749	2,286	2,615	3,190	4,693	---	13,577	7,883	58.06
NEBRASKA	Federal	---	22	257	580	353	---	---	1,212	353	29.13
	State & Private	8	403	1,717	280	3,324	11,850	25,000	42,582	40,174	94.35
	TOTAL	8	425	1,974	860	3,677	11,850	25,000	43,794	40,527	92.54
NEVADA	Federal	---	312	1,525	2,050	---	---	---	3,887	---	---
	State & Private	11	53	238	100	---	1,080	---	1,482	1,080	72.87
	TOTAL	11	365	1,763	2,150	---	1,080	---	5,369	1,080	20.12
NEW HAMPSHIRE	Federal	---	---	15	---	---	---	---	15	---	---
	State & Private	43	84	128	---	---	---	---	255	---	---
	TOTAL	43	84	143	---	---	---	---	270	---	---
NEW JERSEY	Federal	2	---	---	---	---	---	---	2	---	---
	State & Private	110	1,565	1,398	455	---	---	---	3,528	---	---
	TOTAL	112	1,565	1,398	455	---	---	---	3,530	---	---
NEW MEXICO	Federal	11	431	915	1,544	1,089	6,000	6,595	16,585	13,684	82.51
	State & Private	3	76	607	1,020	1,480	4,360	27,200	34,746	33,040	95.09
	TOTAL	14	507	1,522	2,564	2,569	10,360	33,795	51,331	46,724	91.02
NEW YORK	Federal	---	---	11	---	---	---	---	11	---	---
	State & Private	9	1,437	3,579	110	---	---	---	5,135	---	---
	TOTAL	9	1,437	3,590	110	---	---	---	5,146	---	---
NORTH CAROLINA	Federal	---	166	730	280	---	---	---	1,176	---	---
	State & Private	149	9,738	17,292	13,686	5,406	6,283	14,700	67,254	26,389	39.24
	TOTAL	149	9,904	18,022	13,966	5,406	6,283	14,700	68,430	26,389	38.56
NORTH DAKOTA	Federal	2	121	640	866	476	---	---	2,105	476	22.61
	State & Private	---	20	20	---	---	---	---	40	---	---
	TOTAL	2	141	660	866	476	---	---	2,145	476	22.19
OHIO	Federal	---	40	106	---	---	---	---	146	---	---
	State & Private	130	3,007	5,843	2,323	2,050	---	---	13,353	2,050	15.35
	TOTAL	130	3,047	5,949	2,323	2,050	---	---	13,499	2,050	15.19
OKLAHOMA	Federal	---	121	617	120	---	---	---	858	---	---
	State & Private	7	1,994	15,051	17,721	16,208	17,687	7,680	76,348	41,575	54.45
	TOTAL	7	2,115	15,668	17,841	16,208	17,687	7,680	77,206	41,575	53.85

STATES											
OREGON	Federal	1	214	1,128	494	9,669	1,000	11,473	23,979	22,142	92.34
	State & Private	---	325	696	579	---	1,162	---	2,762	1,162	42.07
	TOTAL	1	539	1,824	1,073	9,669	2,162	11,473	26,741	23,304	87.15
PENNSYLVANIA	Federal	---	15	23	---	---	---	---	38	---	---
	State & Private	74	2,516	7,681	3,204	653	2,380	---	16,508	3,033	18.37
	TOTAL	74	2,531	7,704	3,204	653	2,380	---	16,546	3,033	18.33
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	18	226	422	403	---	---	---	1,069	---	---
	TOTAL	18	226	422	403	---	---	---	1,069	---	---
SOUTH CAROLINA	Federal	---	110	308	---	---	---	---	418	---	---
	State & Private	79	10,364	16,281	3,267	1,376	3,261	---	34,628	4,637	13.39
	TOTAL	79	10,474	16,589	3,267	1,376	3,261	---	35,046	4,637	13.23
SOUTH DAKOTA	Federal	2	178	1,117	1,486	1,747	5,196	---	9,726	6,943	71.39
	State & Private	14	283	1,247	410	1,300	---	---	3,254	1,300	39.95
	TOTAL	16	461	2,364	1,896	3,047	5,196	---	12,980	8,243	63.51
TENNESSEE	Federal	---	179	596	2	---	---	---	777	---	---
	State & Private	18	7,741	11,930	2,954	2,350	2,297	---	27,290	4,647	17.03
	TOTAL	18	7,920	12,526	2,956	2,350	2,297	---	28,067	4,647	16.56
TEXAS	Federal	---	188	441	292	---	---	---	921	---	---
	State & Private	9	6,427	20,458	1,312	2,395	---	---	30,601	2,395	7.83
	TOTAL	9	6,615	20,899	1,604	2,395	---	---	31,522	2,395	7.60
UTAH	Federal	1	118	414	226	644	---	---	1,403	644	45.90
	State & Private	5	133	897	125	1,000	1,700	---	3,860	2,700	69.95
	TOTAL	6	251	1,311	351	1,644	1,700	---	5,263	3,344	63.54
VERMONT	Federal	---	---	---	---	---	---	---	---	---	---
	State & Private	3	95	70	---	---	---	---	168	---	---
	TOTAL	3	95	70	---	---	---	---	168	---	---
VIRGINIA	Federal	---	73	352	272	---	---	---	697	---	---
	State & Private	89	2,482	5,190	1,445	1,591	---	---	10,797	1,591	14.74
	TOTAL	89	2,555	5,542	1,717	1,591	---	---	11,494	1,591	13.84
WASHINGTON	Federal	8	136	313	1,157	38	300	---	1,952	338	17.32
	State & Private	58	601	988	1,044	347	2,480	---	5,518	2,827	51.23
	TOTAL	66	737	1,301	2,201	385	2,780	---	7,470	3,165	42.37
WEST VIRGINIA	Federal	---	50	110	19	---	---	---	179	---	---
	State & Private	7	4,126	25,982	12,942	20,307	---	---	63,364	20,307	32.05
	TOTAL	7	4,176	26,092	12,961	20,307	---	---	63,543	20,307	31.96
WISCONSIN	Federal	1	3	12	99	---	---	---	115	---	---
	State & Private	---	1,265	1,435	300	---	---	---	3,000	---	---
	TOTAL	1	1,268	1,447	399	---	---	---	3,115	---	---
WYOMING	Federal	1	176	590	450	1,763	---	---	2,980	1,763	59.16
	State & Private	---	544	4,410	1,840	8,627	10,560	---	25,981	19,187	73.85
	TOTAL	1	720	5,000	2,290	10,390	10,560	---	28,961	20,950	72.34

** Size Classes: A = 0.25 acres or less.
B = 0.26 to 10 acres.
C = 10.1 to 100 acres.

** Size Classes: D = 100.1 to 300 acres.
E = 300.1 to 1,000 acres.
F = 1,000 to 5,000 acres.
G = 5,000.1 acres or more.

ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY CAUSES - CALENDAR YEAR 1969

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	ACRES BURNED BY CAUSE CLASSES **							TOTAL	Man-Caused		Owner *** Responsibility	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous		Acres Burned	% of Total	Acres Burned	% of Total
UNITED STATES	Federal	2,700,096	815,126	119,396	387,836	28,176	27,036	34,428	4,112,094	1,411,998	34.34	---	---
	State & Private	61,199	202,161	118,641	349,063	576,921	130,451	143,953	1,582,389	1,521,190	96.13	272,922	17.25
	TOTAL	2,761,295	1,017,287	238,037	736,899	605,097	157,487	178,381	5,694,483	2,933,188	51.51	272,922	4.79
ROCKY MOUNTAIN GROUP	Federal	59,747	5,839	11,623	20,019	11,166	11,902	13,387	133,683	73,936	55.31	---	---
	State & Private	33,210	2,583	5,742	28,176	3,012	51,938	23,525	148,186	114,976	77.59	64,291	43.39
	TOTAL	92,957	8,422	17,365	48,195	14,178	63,840	36,912	281,869	188,912	67.02	64,291	22.81
PACIFIC GROUP	Federal	2,638,857	808,132	105,480	366,514	9,148	14,122	16,678	3,958,931	1,320,074	33.34	---	---
	State & Private	18,723	176,562	6,630	6,752	27,729	13,965	48,721	299,082	280,359	93.74	8,050	2.69
	TOTAL	2,657,580	984,694	112,110	373,266	36,877	28,087	65,399	4,258,013	1,600,433	37.59	8,050	0.19
NORTH CENTRAL GROUP	Federal	110	226	924	299	921	214	541	3,235	3,125	96.60	---	---
	State & Private	200	1,978	8,341	63,590	36,652	9,296	10,042	130,099	129,899	99.85	44,987	34.58
	TOTAL	310	2,204	9,265	63,889	37,573	9,510	10,583	133,334	133,024	99.76	44,987	33.74
SOUTHERN GROUP	Federal	1,354	926	1,310	981	6,925	670	2,599	14,765	13,411	90.83	---	---
	State & Private	8,852	19,360	90,136	221,417	473,383	40,925	46,575	900,648	891,796	99.02	130,567	14.50
	TOTAL	10,206	20,286	91,446	222,398	480,308	41,595	49,174	915,413	905,207	98.89	130,567	11.31
EASTERN GROUP	Federal	28	3	59	23	16	128	1,223	1,480	1,452	98.11	---	---
	State & Private	214	1,678	7,792	29,128	36,145	14,327	15,090	104,374	104,160	99.80	25,027	23.98
	TOTAL	242	1,681	7,851	29,151	36,161	14,455	16,313	105,854	105,612	99.77	25,027	23.64
STATES													
ALABAMA	Federal	224	99	204	85	177	77	181	1,047	823	78.61	---	---
	State & Private	937	3,021	24,153	46,153	78,087	7,781	6,398	166,530	165,593	99.44	26,632	15.99
	TOTAL	1,161	3,120	24,357	46,238	78,264	7,858	6,579	167,577	166,416	99.30	26,632	15.89
ALASKA	Federal	2,636,082	807,782	95,146	365,243	4	6,457	1	3,910,715	1,274,633	32.59	---	---
	State & Private	12,591	175,172	3,142	3,985	810	8	125	195,833	183,242	93.57	4,019	2.05
	TOTAL	2,648,673	982,954	98,288	369,228	814	6,465	126	4,106,548	1,457,875	35.50	4,019	0.10
ARIZONA	Federal	16,144	290	4,418	2,334	1,719	151	9,793	34,849	18,705	53.67	---	---
	State & Private	127	2	66	17	1	1	81	295	168	56.95	6	2.03
	TOTAL	16,271	292	4,484	2,351	1,720	152	9,874	35,144	18,873	53.70	6	0.02
ARKANSAS	Federal	162	13	239	101	627	28	59	1,229	1,067	86.82	---	---
	State & Private	683	1,941	11,154	17,320	65,899	819	10,376	108,192	107,509	99.37	9,245	8.55
	TOTAL	845	1,954	11,393	17,421	66,526	847	10,435	109,421	108,576	99.23	9,245	8.55
CALIFORNIA	Federal	2,398	183	1,535	111	3,422	7,192	7,444	22,285	19,887	89.24	---	---
	State & Private	4,950	1,295	2,107	1,316	25,638	7,370	6,443	49,119	44,169	89.92	1,140	2.32
	TOTAL	7,348	1,478	3,642	1,427	29,060	14,562	13,887	71,404	64,056	89.71	1,140	1.60
COLORADO	Federal	285	227	440	58	1	2	106	1,119	834	74.53	---	---
	State & Private	174	2,423	522	4,068	208	885	254	8,534	8,360	97.96	3,284	38.48
	TOTAL	459	2,650	962	4,126	209	887	360	9,653	9,194	95.25	3,284	34.02
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	27	81	211	658	231	254	1,462	1,462	100.00	211	14.43
	TOTAL	---	27	81	211	658	231	254	1,462	1,462	100.00	211	14.43
DELAWARE	Federal	---	---	---	---	---	---	1,200	1,200	1,200	100.00	---	---
	State & Private	---	---	1	132	8	28	6	175	175	100.00	9	5.14
	TOTAL	---	---	1	132	8	28	1,206	1,375	1,375	100.00	9	0.65

STATES													
FLORIDA	Federal	203	8	39	29	1,579	17	318	2,193	1,990	90.74	---	---
	State & Private	3,816	2,122	8,034	14,965	27,039	6,229	1,634	63,837	60,023	94.02	6,250	9.79
	TOTAL	4,019	2,130	8,073	14,994	28,618	6,246	1,952	66,032	62,013	93.91	6,250	9.47
GEORGIA	Federal	---	93	41	6	101	38	73	352	352	100.00	---	---
	State & Private	1,542	1,648	8,925	17,833	11,561	2,887	2,702	47,098	45,556	96.73	8,606	18.27
	TOTAL	1,542	1,741	8,966	17,839	11,662	2,925	2,775	47,450	45,908	96.75	8,606	18.14
HAWAII	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	4	578	468	1,046	5,000	38,754	45,850	45,850	100.00	468	1.02
	TOTAL	---	4	578	468	1,046	5,000	38,754	45,850	45,850	100.00	468	1.02
IDAHO	Federal	15,182	3,921	5,436	6,919	6,726	7,866	1,906	47,956	32,774	68.86	---	---
	State & Private	1,493	63	3,005	3,217	1,627	5,045	2,597	17,047	15,554	91.24	4,553	26.71
	TOTAL	16,675	3,984	8,441	10,136	8,353	12,911	4,503	65,003	48,328	74.35	4,553	7.00
ILLINOIS	Federal	---	---	19	39	---	26	41	125	125	100.00	---	---
	State & Private	---	---	232	1,935	509	627	1,469	4,772	4,772	100.00	1,431	29.99
	TOTAL	---	---	251	1,974	509	653	1,510	4,897	4,897	100.00	1,431	29.22
INDIANA	Federal	---	---	---	---	133	---	---	133	133	100.00	---	---
	State & Private	22	7	984	7,497	1,941	1,391	2,694	14,536	14,514	99.85	5,535	38.08
	TOTAL	22	7	984	7,497	2,074	1,391	2,694	14,669	14,647	99.85	5,535	37.73
IOWA	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	2	---	560	877	---	550	168	2,157	2,155	99.91	1,394	64.63
	TOTAL	2	---	500	877	---	550	168	2,157	2,155	99.91	1,394	64.63
KANSAS	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	233	21	428	3,345	815	3,131	676	8,649	8,416	97.31	3,345	38.68
	TOTAL	233	21	428	3,345	815	3,131	676	8,649	8,416	97.31	3,345	38.68
KENTUCKY	Federal	---	35	102	36	330	69	19	591	591	100.00	---	---
	State & Private	40	3,401	7,609	17,239	15,123	3,786	6,802	54,000	53,960	99.93	7,642	14.15
	TOTAL	40	3,436	7,711	17,275	15,453	3,855	6,821	54,591	54,551	99.93	7,642	14.00
LOUISIANA	Federal	82	121	132	17	1,473	29	254	2,108	2,026	96.11	---	---
	State & Private	391	1,178	3,551	5,924	93,693	1,462	1,258	107,457	107,066	99.64	2,113	1.97
	TOTAL	473	1,299	3,683	5,941	95,166	1,491	1,512	109,565	109,092	99.57	2,113	1.93
MAINE	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	5	125	141	674	1,301	66	86	2,398	2,393	99.79	506	21.10
	TOTAL	5	125	141	674	1,301	66	86	2,398	2,393	99.79	506	21.10
MARYLAND	Federal	---	---	2	---	5	---	---	7	7	100.00	---	---
	State & Private	---	73	375	174	288	557	474	1,941	1,941	100.00	94	4.84
	TOTAL	---	73	377	174	293	557	474	1,948	1,948	100.00	94	4.83
MASSACHUSETTS	Federal	---	---	20	8	---	---	---	28	28	100.00	---	---
	State & Private	1	21	236	1,692	1,815	812	3,794	8,371	8,370	99.99	1,456	17.39
	TOTAL	1	21	256	1,700	1,815	812	3,794	8,399	8,398	99.99	1,456	17.34
MICHIGAN	Federal	---	2	14	3	17	27	53	116	116	100.00	---	---
	State & Private	23	166	2,333	1,854	770	754	644	6,544	6,521	99.65	2,349	35.90
	TOTAL	23	168	2,347	1,857	787	781	697	6,660	6,637	99.66	2,349	35.27

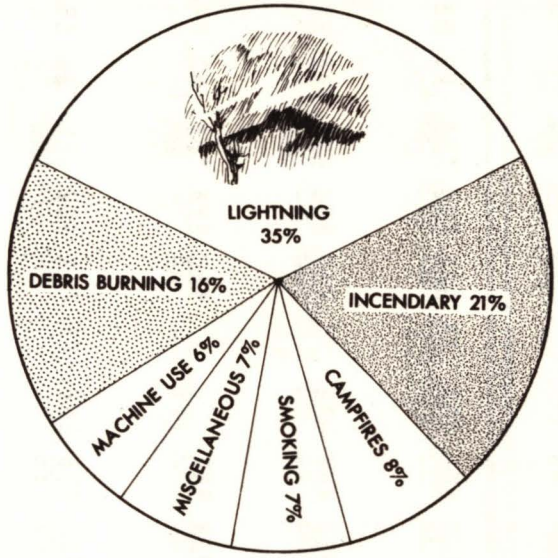
* See Page 48 for list of States included in each Group.
** See Page 49 for General Fire Cause definitions.
*** On State & Private lands only.

STATES	OWNERSHIP	ACRES BURNED BY CAUSE CLASSES**							TOTAL	Man-Caused		Owner *** Responsibility	
		Lightning	Campfires	Smoking	Debris Burning	Incendiary	Machine Use	Miscellaneous		Acres Burned	% of Total	Acres Burned	% of Total
MINNESOTA	Federal	88	---	---	15	3	---	67	173	85	49.13	---	---
	State & Private	112	27	305	13,885	9,250	891	105	24,575	24,463	99.55	4,046	16.47
	TOTAL	200	27	305	13,900	9,253	891	172	24,748	24,548	16.35	4,046	16.35
MISSISSIPPI	Federal	97	195	131	285	1,060	51	579	2,398	2,301	95.95	---	---
	State & Private	93	1,091	5,405	21,205	73,526	2,741	2,553	106,614	106,521	99.91	14,017	13.15
	TOTAL	190	1,286	5,536	21,490	74,586	2,792	3,132	109,012	108,822	99.83	14,017	12.86
MISSOURI	Federal	10	217	856	185	731	61	367	2,427	2,417	99.59	---	---
	State & Private	1	1,509	1,604	31,140	20,987	3,162	2,759	61,162	61,161	99.99	22,149	36.21
	TOTAL	11	1,726	2,460	31,325	21,718	3,223	3,126	63,589	63,578	99.98	22,149	34.83
MONTANA	Federal	8,179	353	726	1,789	28	760	26	11,861	3,682	31.04	---	---
	State & Private	730	8	172	351	6	277	172	1,716	986	57.46	195	11.36
	TOTAL	8,909	361	898	2,140	34	1,037	198	13,577	4,668	34.38	195	1.44
NEBRASKA	Federal	720	---	65	148	16	253	10	1,212	492	40.59	---	---
	State & Private	1,629	---	1,337	2,193	138	28,858	8,427	42,582	40,953	96.17	31,051	72.92
	TOTAL	2,349	---	1,402	2,341	154	29,111	8,437	43,794	41,445	94.64	31,051	70.90
NEVADA	Federal	524	157	79	192	2,300	25	610	3,887	3,363	86.52	---	---
	State & Private	1,082	42	1	1	60	76	220	1,482	400	26.99	199	13.43
	TOTAL	1,606	199	80	193	2,360	101	830	5,369	3,763	70.09	199	3.71
NEW HAMPSHIRE	Federal	---	---	---	---	---	---	15	15	15	100.00	---	---
	State & Private	1	52	101	31	21	7	42	255	254	99.61	193	75.69
	TOTAL	1	52	101	31	21	7	57	270	269	99.63	193	71.48
NEW JERSEY	Federal	---	1	---	---	1	---	---	2	2	100.00	---	---
	State & Private	2	102	1,233	137	1,128	505	421	3,528	3,526	99.94	297	8.42
	TOTAL	2	103	1,233	137	1,129	505	421	3,530	3,528	99.94	297	8.41
NEW MEXICO	Federal	13,733	155	19	1,999	49	594	36	16,585	2,852	17.20	---	---
	State & Private	21,185	3	15	2,512	---	320	10,711	34,746	13,561	39.03	2,512	7.23
	TOTAL	34,918	158	34	4,511	49	914	10,747	51,331	16,413	31.97	2,512	4.89
NEW YORK	Federal	---	---	---	11	---	---	---	11	11	100.00	---	---
	State & Private	5	90	1,019	1,918	586	891	626	5,135	5,130	99.90	62	1.21
	TOTAL	5	90	1,019	1,929	586	891	626	5,146	5,141	99.90	62	1.21
NORTH CAROLINA	Federal	10	15	91	290	318	44	408	1,176	1,166	99.15	---	---
	State & Private	534	543	6,326	33,787	18,891	5,148	2,025	67,254	66,720	99.21	23,152	34.42
	TOTAL	544	558	6,417	34,077	19,209	5,192	2,433	68,430	67,886	99.21	23,152	33.83
NORTH DAKOTA	Federal	668	---	292	786	303	33	23	2,105	1,437	68.27	---	---
	State & Private	---	---	---	28	---	10	2	40	40	100.00	38	95.00
	TOTAL	668	---	292	814	303	43	25	2,145	1,477	68.86	38	1.77
OHIO	Federal	---	7	33	56	37	---	13	146	146	100.00	---	---
	State & Private	13	248	1,898	5,516	2,757	1,113	1,808	13,353	13,340	99.90	6,805	50.96
	TOTAL	13	255	1,931	5,572	2,794	1,113	1,821	13,499	13,486	99.90	6,805	50.41
OKLAHOMA	Federal	19	4	11	39	516	117	152	858	839	97.79	---	---
	State & Private	60	337	961	8,378	60,618	565	5,429	76,348	76,288	99.92	6,806	8.91
	TOTAL	79	341	972	8,417	61,134	682	5,581	77,206	77,127	99.90	6,806	8.82

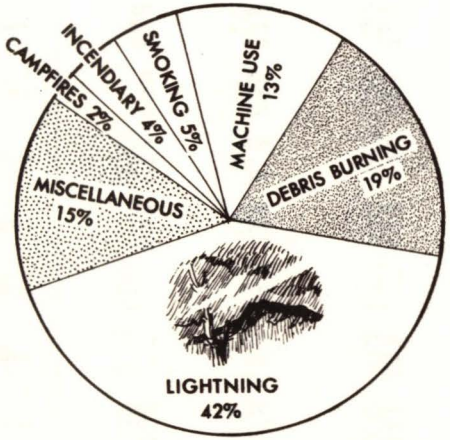
STATES													
OREGON	Federal	244	151	8,436	512	5,449	224	8,963	23,979	23,735	98.98	---	---
	State & Private	1,175	6	563	366	54	365	233	2,762	1,587	57.46	634	22.95
	TOTAL	1,419	157	8,999	878	5,503	589	9,196	26,741	25,322	94.69	634	2.37
PENNSYLVANIA	Federal	---	---	28	4	4	2	---	38	38	100.00	---	---
	State & Private	1	211	1,536	4,195	3,929	5,018	1,618	16,508	16,507	99.99	1,321	8.00
	TOTAL	1	211	1,564	4,199	3,933	5,020	1,618	16,546	16,545	99.99	1,321	7.98
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	13	2	214	467	96	277	1,069	1,069	100.00	359	33.58
	TOTAL	---	13	2	214	467	96	277	1,069	1,069	100.00	359	33.58
SOUTH CAROLINA	Federal	14	1	91	36	112	106	58	418	404	96.65	---	---
	State & Private	196	588	5,793	12,862	10,825	2,766	1,598	34,628	34,432	99.43	6,139	17.73
	TOTAL	210	589	5,884	12,898	10,937	2,872	1,656	35,046	34,836	99.40	6,139	17.52
SOUTH DAKOTA	Federal	2,651	196	13	5,523	2	808	533	9,726	7,075	72.74	---	---
	State & Private	1,299	---	49	1,214	144	447	101	3,254	1,955	60.08	437	13.43
	TOTAL	3,950	196	62	6,737	146	1,255	634	12,980	9,030	69.57	437	3.37
TENNESSEE	Federal	9	212	16	14	463	18	45	777	768	98.84	---	---
	State & Private	14	455	1,592	12,557	9,124	1,397	2,151	27,290	27,276	99.95	9,251	33.90
	TOTAL	23	667	1,608	12,571	9,587	1,415	2,196	28,067	28,044	99.92	9,251	32.96
TEXAS	Federal	250	119	154	28	83	61	226	921	671	72.86	---	---
	State & Private	332	2,386	4,815	11,043	7,458	2,732	1,835	30,601	30,269	98.92	9,571	31.28
	TOTAL	582	2,505	4,969	11,071	7,541	2,793	2,061	31,522	30,940	98.15	9,571	30.36
UTAH	Federal	680	464	52	151	---	15	41	1,403	723	51.53	---	---
	State & Private	1,898	3	118	231	---	1,428	182	3,860	1,962	50.83	278	7.20
	TOTAL	2,578	467	170	382	---	1,443	223	5,263	2,685	51.02	278	5.28
VERMONT	Federal	---	---	---	---	---	---	---	---	---	---	---	---
	State & Private	---	2	29	78	6	4	49	168	168	100.00	82	48.81
	TOTAL	---	2	29	78	6	4	49	168	168	100.00	82	48.81
VIRGINIA	Federal	284	11	59	15	86	15	227	697	413	59.25	---	---
	State & Private	214	649	1,818	2,151	1,539	2,612	1,814	10,797	10,583	98.02	1,143	10.59
	TOTAL	498	660	1,877	2,166	1,625	2,627	2,041	11,494	10,996	95.67	1,143	9.94
WASHINGTON	Federal	133	16	363	648	273	249	270	1,952	1,819	93.19	---	---
	State & Private	7	85	240	617	181	1,222	3,166	5,518	5,511	99.87	1,789	32.42
	TOTAL	140	101	603	1,265	454	1,471	3,436	7,470	7,330	98.13	1,789	23.95
WEST VIRGINIA	Federal	28	2	9	---	6	126	8	179	151	84.36	---	---
	State & Private	199	962	3,038	19,672	25,938	6,112	7,443	63,364	63,165	99.69	20,437	32.25
	TOTAL	227	964	3,047	19,672	25,944	6,238	7,451	63,543	63,316	99.64	20,437	32.16
WISCONSIN	Federal	12	---	2	1	---	100	---	115	103	89.57	---	---
	State & Private	27	21	425	886	438	808	395	3,000	2,973	99.10	1,278	42.60
	TOTAL	39	21	427	887	438	908	395	3,115	3,076	98.75	1,278	41.03
WYOMING	Federal	981	76	83	120	22	1,395	303	2,980	1,999	67.08	---	---
	State & Private	3,360	18	29	10,999	13	11,460	102	25,981	22,621	87.07	18,393	70.79
	TOTAL	4,341	94	112	11,119	35	12,855	405	28,961	24,620	85.01	18,393	63,51

* See Page 48 for list of States included in each Group.
** See Page 49 for General Fire Cause definitions.
*** On State & Private lands only.

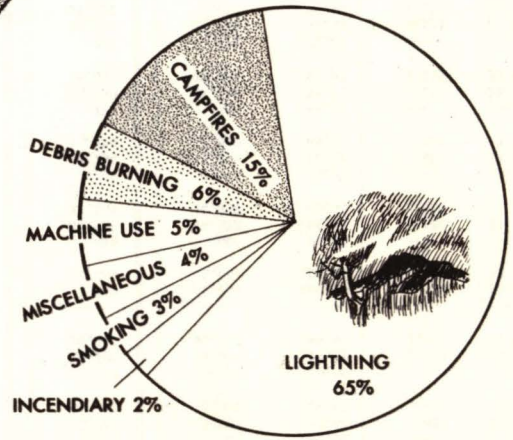
ACRES BURNED - BY FIRE CAUSES
- NATIONWIDE -
BY PERCENT OF FIVE YEAR TOTALS
1964 - 1968



UNITED STATES



ROCKY MOUNTAIN GROUP

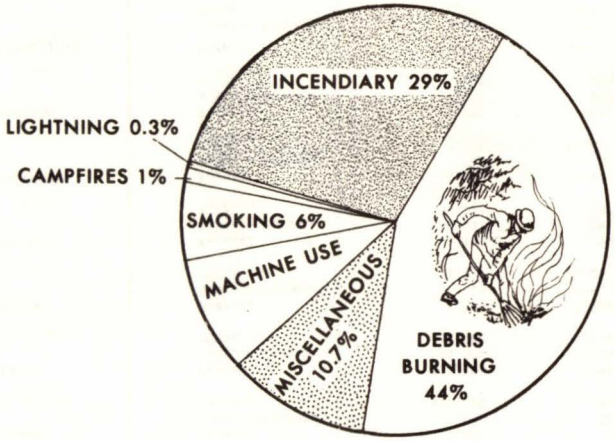


PACIFIC GROUP

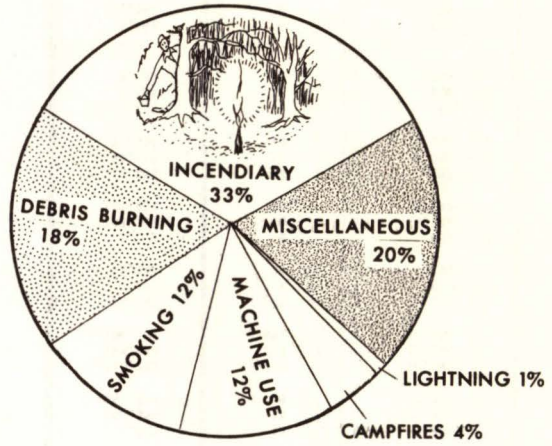
PICTURE - 1ST LEADING FIRE CAUSE

- 2ND LEADING FIRE CAUSE

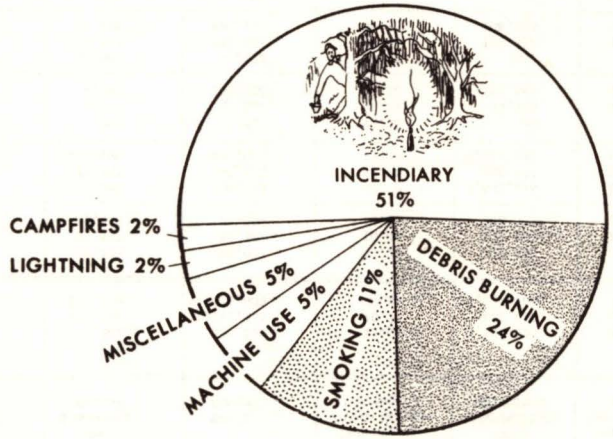
- 3RD LEADING FIRE CAUSE



NORTH CENTRAL GROUP



EASTERN GROUP



SOUTHERN GROUP

ACRES BURNED BY WILDFIRES IN THE UNITED STATES BY AREA TYPE CLASSES - CALENDAR YEAR 1969

PROTECTED AREA ONLY - BY STATES AND GROUPS OF STATES

GROUPS * OF STATES	OWNERSHIP	ACRES BURNED BY AREA TYPE CLASSES **							Average No. Acres Burned Per Fire	Acres Burned Per MM Acres Protected
		Commercial Forest	Non-Commercial Forest	TOTAL FOREST	Percent of Total Acreage Burned	TOTAL NONFORESTED WATERSHED	Percent of Total Acreage Burned	TOTAL NUMBER OF ACRES BURNED		
UNITED STATES	Federal	504,667	54,501	559,168	13.60	3,552,926	86.40	4,112,094	407	6,307
	State & Private	980,807	131,108	1,111,915	70.27	470,474	29.73	1,582,389	16	3,091
	TOTAL	1,485,474	185,609	1,671,083	29.35	4,023,400	70.65	5,694,483	53	4,893
ROCKY MOUNTAIN GROUP	Federal	6,324	28,733	35,057	26.22	98,626	73.78	133,683	29	449
	State & Private	4,585	11,697	16,282	10.99	131,904	89.01	148,186	45	1,387
	TOTAL	10,909	40,430	51,339	18.21	230,530	81.79	281,869	36	697
PACIFIC GROUP	Federal	483,632	22,883	506,515	12.79	3,452,416	87.21	3,958,931	1,047	12,172
	State & Private	46,820	93,745	140,565	47.00	158,517	53.00	299,082	52	4,708
	TOTAL	530,452	116,628	647,080	15.20	3,610,933	84.80	4,258,013	449	10,953
NORTH CENTRAL GROUP	Federal	2,945	268	3,213	99.32	22	0.68	3,235	11	308
	State & Private	61,510	4,027	65,537	50.37	64,562	49.63	130,099	14	1,714
	TOTAL	64,455	4,295	68,750	51.56	64,584	48.44	133,334	14	1,543
SOUTHERN GROUP	Federal	11,542	2,561	14,103	95.52	662	4.48	14,765	11	923
	State & Private	776,535	16,557	793,092	88.06	107,556	11.94	900,648	14	4,761
	TOTAL	788,077	19,118	807,195	88.18	108,218	11.82	915,413	14	4,462
EASTERN GROUP	Federal	224	56	280	18.92	1,200	81.08	1,480	24	567
	State & Private	91,357	5,082	96,439	92.40	7,935	7.60	104,374	7	1,364
	TOTAL	91,581	5,138	96,719	91.37	9,135	8.63	105,854	7	1,338
STATES										
ALABAMA	Federal	1,038	9	1,047	100.00	---	---	1,047	13	1,520
	State & Private	149,090	57	149,147	89.56	17,383	10.44	166,530	18	7,952
	TOTAL	150,128	66	150,194	89.63	17,383	10.37	167,577	18	7,747
ALASKA	Federal	475,160	1,795	476,955	12.20	3,433,760	87.80	3,910,715	15,041	16,084
	State & Private	41,502	54,016	95,518	48.78	100,315	51.22	195,833	753	12,240
	TOTAL	516,662	55,811	572,473	13.94	3,534,075	86.06	4,106,548	7,897	15,846
ARIZONA	Federal	1,158	21,062	22,220	63.76	12,629	36.24	34,849	26	772
	State & Private	14	---	14	4.75	281	95.25	295	7	220
	TOTAL	1,172	21,062	22,234	63.27	12,910	36.73	35,144	25	756
ARKANSAS	Federal	1,149	80	1,229	100.00	---	---	1,229	8	481
	State & Private	58,082	169	58,251	53.84	49,941	46.16	108,192	26	6,543
	TOTAL	59,231	249	59,480	54.36	49,941	45.64	109,421	25	5,732
CALIFORNIA	Federal	1,733	16,417	18,150	81.44	4,135	18.56	22,285	12	597
	State & Private	768	18	786	1.60	48,333	98.40	49,119	16	2,458
	TOTAL	2,501	16,435	18,936	26.52	52,468	73.48	71,404	14	1,246
COLORADO	Federal	291	671	962	85.97	157	14.03	1,119	4	47
	State & Private	47	319	366	4.29	8,168	95.71	8,534	17	900
	TOTAL	338	990	1,328	13.76	8,325	86.24	9,653	12	288
CONNECTICUT	Federal	---	---	---	---	---	---	---	---	---
	State & Private	1,062	---	1,062	72.64	400	27.36	1,462	4	735
	TOTAL	1,062	---	1,062	72.64	400	27.36	1,462	4	735
DELAWARE	Federal	---	---	---	---	1,200	100.00	1,200	1,200	60,000
	State & Private	175	---	175	100.00	---	---	175	9	446
	TOTAL	175	---	175	12.73	1,200	87.27	1,375	66	3,337

STATES										
FLORIDA	Federal	577	1,567	2,144	97.77	49	2.23	2,193	17	1,309
	State & Private	62,862	729	63,591	99.61	248	0.39	63,839	13	3,618
	TOTAL	63,439	2,296	65,735	99.55	297	0.45	66,032	13	3,418
GEORGIA	Federal	324	28	352	100.00	---	---	352	6	284
	State & Private	39,877	---	39,877	84.67	7,221	15.33	47,098	5	1,957
	TOTAL	40,201	28	40,229	84.78	7,221	15.22	47,450	5	1,875
HAWAII	Federal	---	---	---	---	---	---	---	---	---
	State & Private	26	39,302	39,328	85.78	6,522	14.22	45,850	1,310	23,769
	TOTAL	26	39,302	39,328	85.78	6,522	14.22	45,850	1,310	21,948
IDAHO	Federal	681	1,207	1,888	3.94	46,068	96.06	47,956	77	1,391
	State & Private	985	85	1,070	6.28	15,977	93.72	17,047	34	1,722
	TOTAL	1,666	1,292	2,958	4.55	62,045	95.45	65,003	58	1,465
ILLINOIS	Federal	76	49	125	100.00	---	---	125	14	403
	State & Private	1,186	---	1,186	24.85	3,586	75.15	4,772	20	1,337
	TOTAL	1,262	49	1,311	26.77	3,586	73.23	4,897	19	1,263
INDIANA	Federal	133	---	133	100.00	---	---	133	19	852
	State & Private	1,967	523	2,490	17.13	12,046	82.87	14,536	21	3,623
	TOTAL	2,100	523	2,623	17.88	12,046	82.12	14,669	21	3,519
IOWA	Federal	---	---	---	---	---	---	---	---	---
	State & Private	18	57	75	3.48	2,082	96.52	2,157	16	827
	TOTAL	18	57	75	3.48	2,082	42.52	2,157	16	812
KANSAS	Federal	---	---	---	---	---	---	---	---	---
	State & Private	108	358	466	5.39	8,183	94.61	8,649	15	689
	TOTAL	108	358	466	5.39	8,183	94.61	8,649	15	681
KENTUCKY	Federal	575	16	591	100.00	---	---	591	8	730
	State & Private	54,000	---	54,000	100.00	---	---	54,000	18	4,930
	TOTAL	54,575	16	54,591	100.00	---	---	54,591	17	4,641
LOUISIANA	Federal	2,101	7	2,108	100.00	---	---	2,108	12	2,986
	State & Private	107,457	---	107,457	100.00	---	---	107,457	12	8,780
	TOTAL	109,558	7	109,565	100.00	---	---	109,565	12	8,464
MAINE	Federal	---	---	---	---	---	---	---	---	---
	State & Private	2,013	29	2,042	85.15	356	14.85	2,398	8	138
	TOTAL	2,013	29	2,042	85.15	356	14.85	2,398	8	138
MARYLAND	Federal	---	7	7	100.00	---	---	7	1	250
	State & Private	1,199	742	1,941	100.00	---	---	1,941	4	680
	TOTAL	1,199	749	1,948	100.00	---	---	1,948	4	676
MASSACHUSETTS	Federal	---	28	28	100.00	---	---	28	2	1,400
	State & Private	3,095	3,868	6,963	83.18	1,408	16.82	8,371	1	2,574
	TOTAL	3,095	3,896	6,991	83.24	1,408	16.76	8,399	1	2,567
MICHIGAN	Federal	111	5	116	100.00	---	---	116	3	40
	State & Private	4,787	1,055	5,842	89.27	702	10.73	6,544	6	371
	TOTAL	4,898	1,060	5,958	89.46	702	10.54	6,660	6	324

* See Page 48 for list of States included in each Group.
** See Page 49 for Area Type (Land Classification) totals.

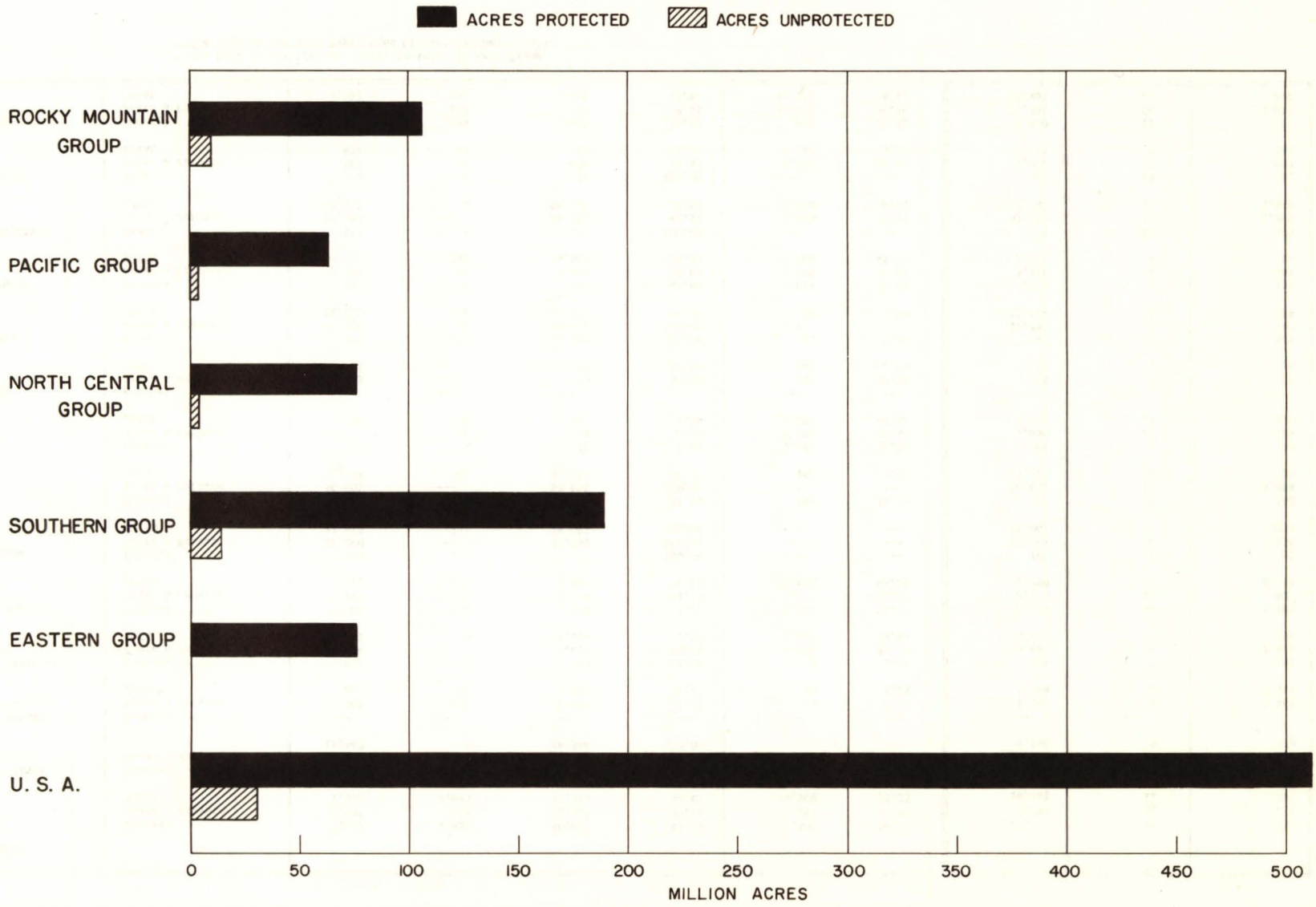
STATES	OWNERSHIP	ACRES BURNED BY AREA CLASSES**						TOTAL NUMBER OF ACRES BURNED	Average No. Acres Burned Per Fire	Acres Burned Per MM Acres Protected
		Commercial Forest	Non - Commercial Forest	TOTAL FOREST	Percent of Total Acreage Burned	TOTAL NONFORESTED WATERSHED	Percent of Total Acreage Burned			
MINNESOTA	Federal	133	18	151	87.28	22	12.72	173	4	47
	State & Private	2,186	2,062	4,248	17.29	20,327	82.71	24,575	40	1,392
	TOTAL	2,319	2,080	4,399	17.78	20,349	82.22	24,748	38	1,161
MISSISSIPPI	Federal	2,240	153	2,393	99.80	5	0.20	2,398	10	1,931
	State & Private	85,855	---	85,855	80.53	20,759	19.47	106,614	13	6,808
	TOTAL	88,095	153	88,248	80.95	20,764	19.05	109,012	13	6,449
MISSOURI	Federal	2,233	194	2,427	100.00	---	---	2,427	14	1,634
	State & Private	44,131	255	44,386	72.57	16,776	27.43	61,162	19	5,490
	TOTAL	46,364	449	46,813	73.62	16,776	26.38	63,589	19	5,037
MONTANA	Federal	1,606	1,390	2,996	25.26	8,865	74.74	11,861	20	365
	State & Private	311	148	459	26.75	1,257	73.25	1,716	4	254
	TOTAL	1,917	1,538	3,455	25.45	10,122	74.55	13,577	14	346
NEBRASKA	Federal	5	616	621	51.24	591	48.76	1,212	51	2,228
	State & Private	9	---	9	0.02	42,573	99.98	42,582	177	6,064
	TOTAL	14	616	630	1.44	43,164	98.56	43,794	166	5,788
NEVADA	Federal	1	161	162	4.17	3,725	95.83	3,887	17	71
	State & Private	102	24	126	8.50	1,356	91.50	1,482	10	669
	TOTAL	103	185	288	5.36	5,081	94.64	5,369	14	94
NEW HAMPSHIRE	Federal	15	---	15	100.00	---	---	15	2	22
	State & Private	165	21	186	72.94	69	27.06	255	Neg.	59
	TOTAL	180	21	201	74.44	69	25.56	270	Neg.	54
NEW JERSEY	Federal	---	2	2	100.00	---	---	2	1	80
	State & Private	3,039	---	3,039	86.14	489	13.86	3,528	3	1,674
	TOTAL	3,039	2	3,041	86.15	489	13.85	3,530	3	1,655
NEW MEXICO	Federal	661	2,308	2,969	17.90	13,616	82.10	16,585	23	540
	State & Private	453	9,401	9,854	28.36	24,892	71.64	34,746	313	924
	TOTAL	1,114	11,709	12,823	24.98	38,508	75.02	51,331	61	751
NEW YORK	Federal	---	11	11	100.00	---	---	11	4	306
	State & Private	4,951	184	5,135	100.00	---	---	5,135	6	407
	TOTAL	4,951	195	5,146	100.00	---	---	5,146	6	407
NORTH CAROLINA	Federal	871	49	920	78.23	256	21.77	1,176	14	747
	State & Private	52,914	9,310	62,224	92.52	5,030	7.48	67,254	16	3,774
	TOTAL	53,785	9,359	63,144	92.28	5,286	7.72	68,430	16	3,529
NORTH DAKOTA	Federal	---	266	266	12.64	1,839	87.36	2,105	38	958
	State & Private	20	---	20	50.00	20	50.00	40	7	175
	TOTAL	20	266	286	13.33	1,859	86.67	2,145	35	884
OHIO	Federal	145	1	146	100.00	---	---	146	7	986
	State & Private	6,652	---	6,652	49.82	6,701	50.18	13,353	7	3,334
	TOTAL	6,797	1	6,798	50.36	6,701	49.64	13,499	7	3,250
OKLAHOMA	Federal	598	119	717	83.57	141	16.43	858	13	2,288
	State & Private	70,103	6,245	76,348	100.00	---	---	76,348	72	17,653
	TOTAL	70,701	6,364	77,065	99.82	141	0.18	77,206	68	16,427

STATES										
OREGON	Federal	5,947	4,530	10,477	43.69	13,502	56.31	23,979	19	757
	State & Private	1,099	365	1,464	53.01	1,298	46.99	2,762	03	211
	TOTAL	7,046	4,895	11,941	44.65	14,800	55.35	26,741	12	597
PENNSYLVANIA	Federal	34	4	38	100.00	---	---	38	6	75
	State & Private	16,508	---	16,508	100.00	---	---	16,508	10	997
	TOTAL	16,542	4	16,546	100.00	---	---	16,546	9	970
RHODE ISLAND	Federal	---	---	---	---	---	---	---	---	---
	State & Private	807	238	1,045	97.75	24	2.25	1,069	3	2,463
	TOTAL	807	238	1,045	97.75	24	2.25	1,069	3	2,463
SOUTH CAROLINA	Federal	407	3	410	98.09	8	1.91	418	9	641
	State & Private	27,654	---	27,654	79.86	6,974	20.14	34,628	9	2,874
	TOTAL	28,061	3	28,064	80.08	6,982	19.92	35,046	9	2,759
SOUTH DAKOTA	Federal	68	684	752	7.73	8,974	92.27	9,726	44	1,380
	State & Private	145	1,195	1,340	41.18	1,914	58.82	3,254	15	822
	TOTAL	213	1,879	2,092	16.12	10,888	83.88	12,980	29	1,179
TENNESSEE	Federal	525	252	777	100.00	---	---	777	6	785
	State & Private	27,290	---	27,290	100.00	---	---	27,290	8	2,155
	TOTAL	27,815	252	28,067	100.00	---	---	28,067	8	2,056
TEXAS	Federal	672	81	753	81.76	168	18.24	921	10	542
	State & Private	30,601	---	30,601	100.00	---	---	30,601	12	3,099
	TOTAL	31,273	81	31,354	99.47	168	0.53	31,522	12	2,724
UTAH	Federal	47	74	121	8.62	1,282	91.38	1,403	5	40
	State & Private	---	60	60	1.55	3,800	98.45	3,860	27	429
	TOTAL	47	134	181	3.44	5,082	96.56	5,263	13	120
VERMONT	Federal	---	---	---	---	---	---	---	---	---
	State & Private	63	---	63	37.50	105	62.50	168	2	41
	TOTAL	63	---	63	37.50	105	62.50	168	2	39
VIRGINIA	Federal	465	197	662	94.98	35	5.02	697	12	389
	State & Private	10,750	47	10,797	100.00	---	---	10,797	6	749
	TOTAL	11,215	244	11,459	99.70	35	0.30	11,494	6	709
WASHINGTON	Federal	792	141	933	47.80	1,019	52.20	1,952	5	151
	State & Private	3,425	44	3,469	62.87	2,049	37.13	5,518	4	441
	TOTAL	4,217	185	4,402	58.93	3,068	41.07	7,470	4	294
WEST VIRGINIA	Federal	175	4	179	100.00	---	---	179	10	190
	State & Private	58,280	---	58,280	91.98	5,084	8.02	63,364	31	5,999
	TOTAL	58,455	4	58,459	92.00	5,084	8.00	63,543	31	5,524
WISCONSIN	Federal	114	1	115	100.00	---	---	115	13	65
	State & Private	583	75	658	21.93	2,342	78.07	3,000	2	197
	TOTAL	697	76	773	24.82	2,342	75.18	3,115	2	183
WYOMING	Federal	1,806	294	2,100	70.47	880	29.53	2,980	13	97
	State & Private	2,391	107	2,498	9.61	23,483	90.39	25,981	66	3,815
	TOTAL	4,197	401	4,598	15.88	24,363	84.12	28,961	47	770

* See Page 48 for List of States included in each Group.
** See Page 49 for Area Type (Land Classification) totals.

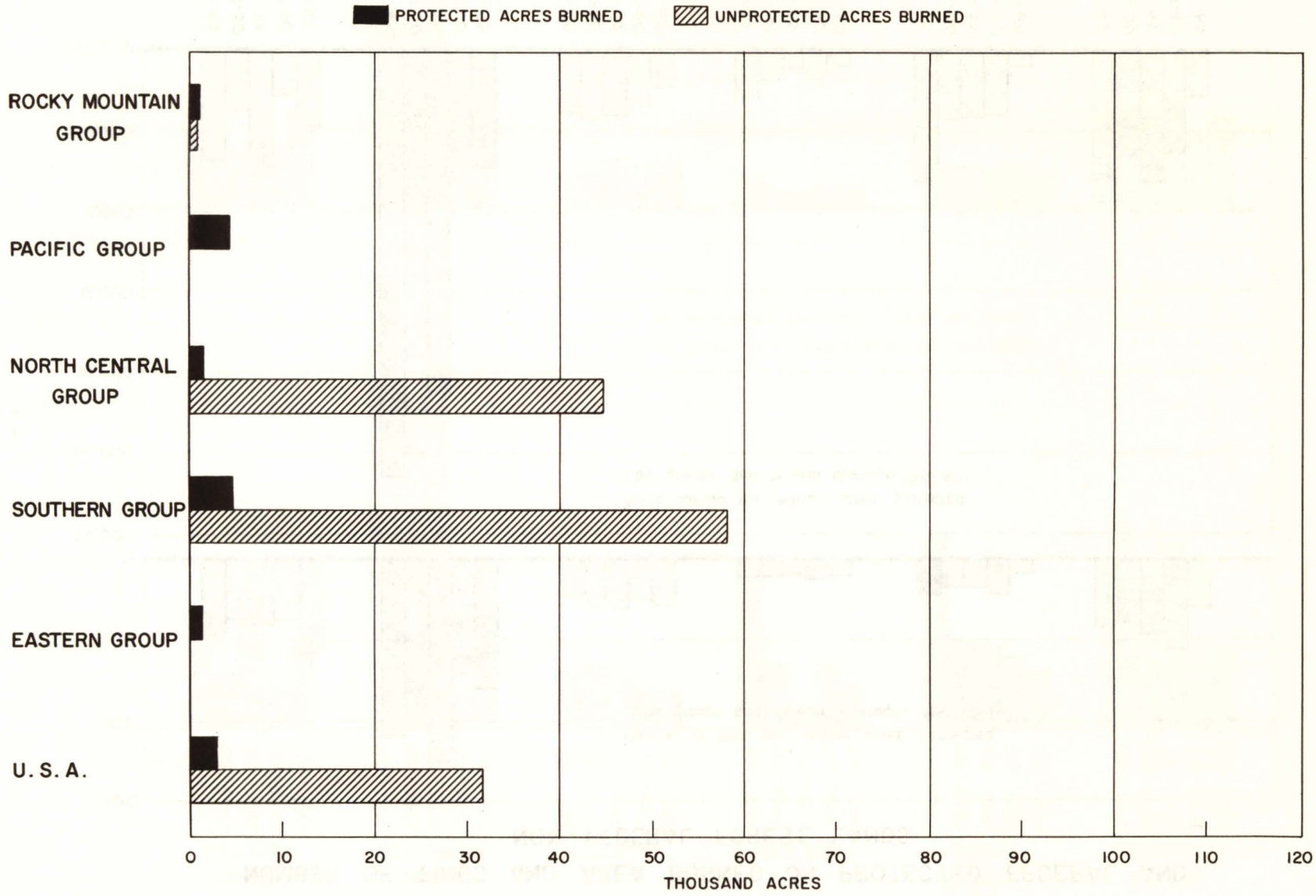
ACRES PROTECTED AND ACRES UNPROTECTED – BY GROUPS - 1969

STATE AND PRIVATE LANDS - [C-M 2]

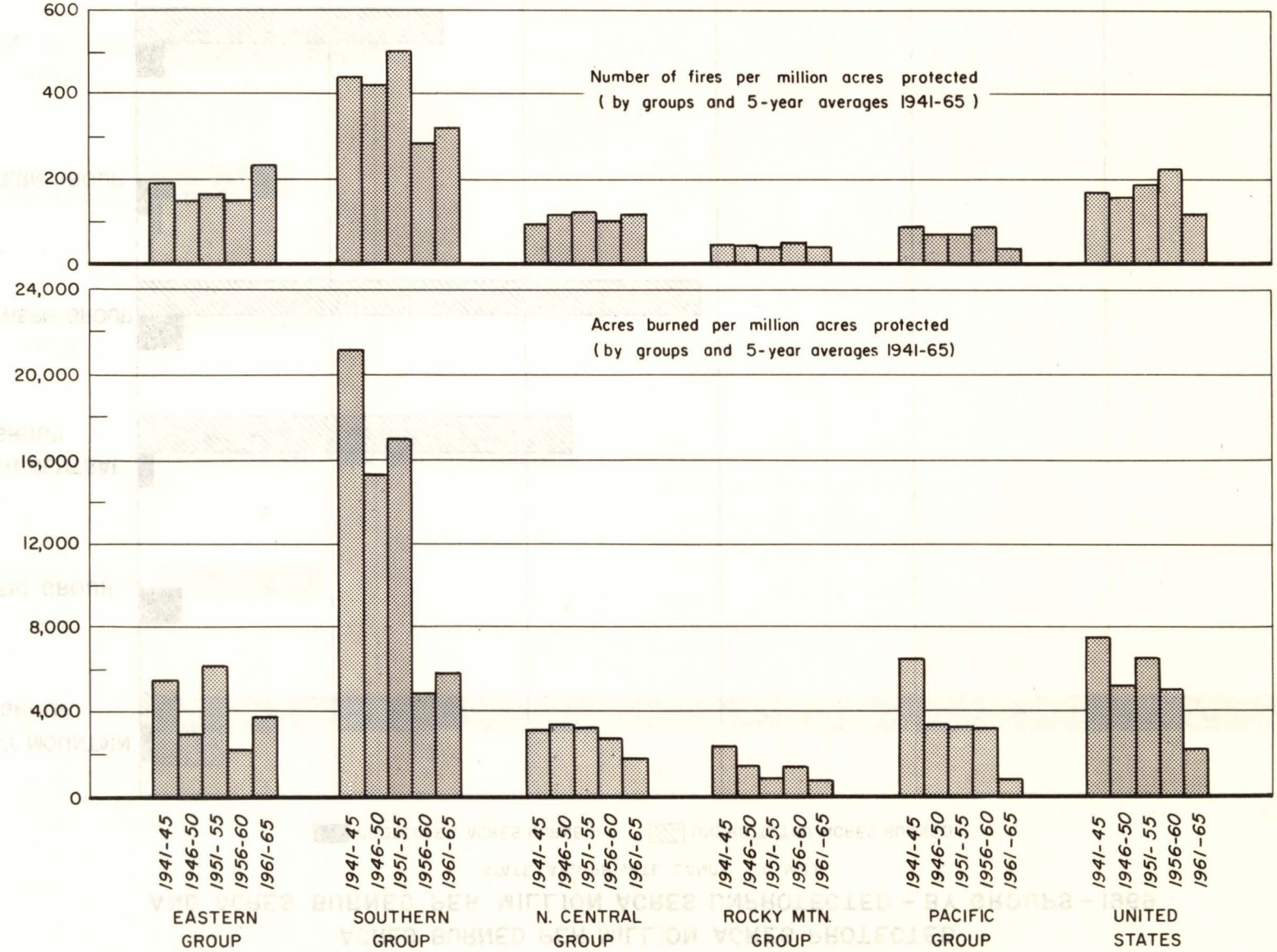


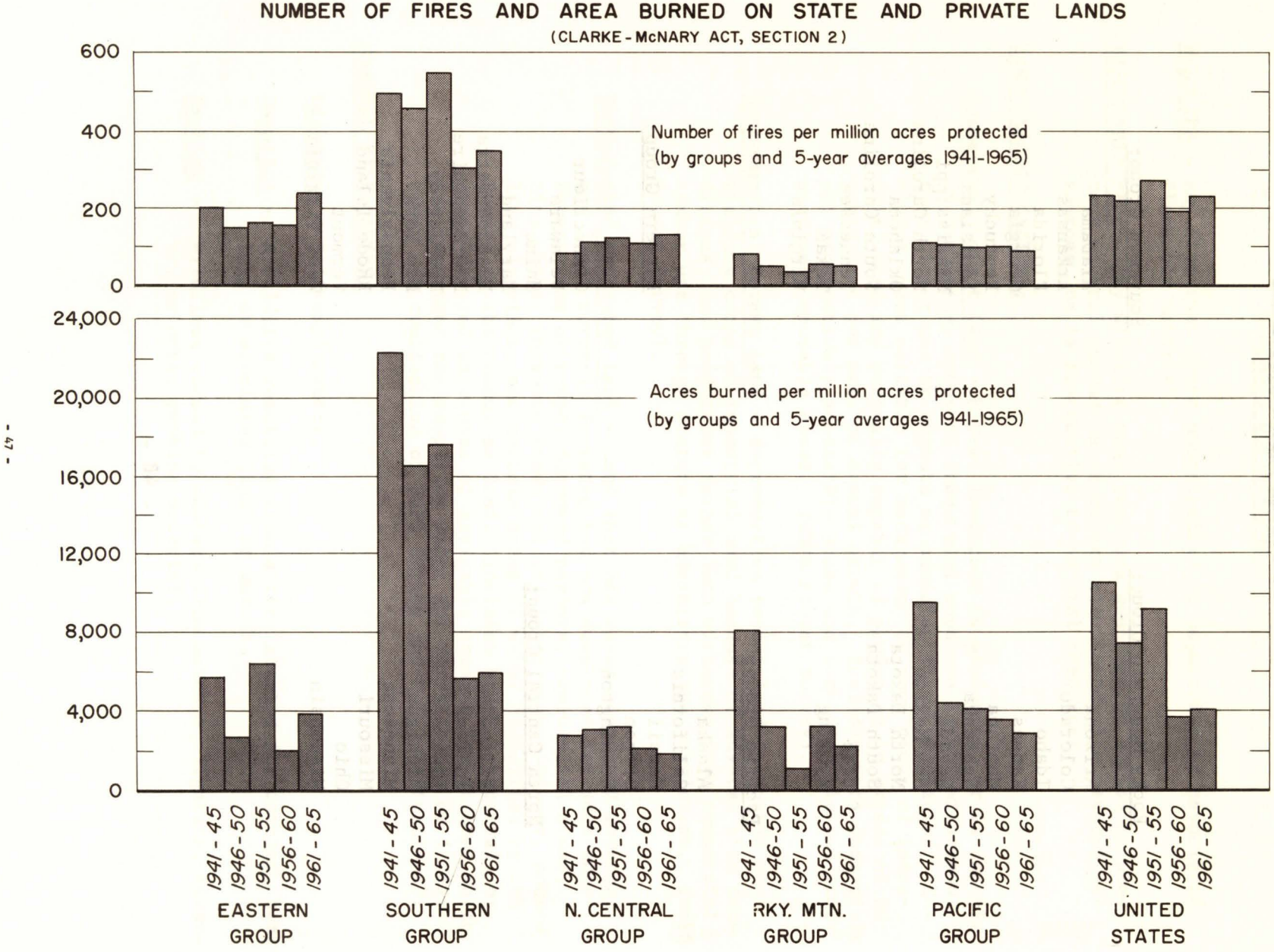
ACRES BURNED PER MILLION ACRES PROTECTED AND ACRES BURNED PER MILLION ACRES UNPROTECTED - BY GROUPS - 1969

STATE AND PRIVATE LANDS - (C-M2)



NUMBER OF FIRES AND AREA BURNED ON PROTECTED FEDERAL AND NON-FEDERAL FOREST LANDS




NUMBER OF FIRES AND AREA BURNED ON STATE AND PRIVATE LANDS
(CLARKE-McNARY ACT, SECTION 2)
600
400
200
0
Number of fires per million acres protected
(by groups and 5-year averages 1941-1965)
24,000
20,000
16,000
12,000
8,000
4,000
0
Acres burned per million acres protected
(by groups and 5-year averages 1941-1965)
1941-45
1946-50
1951-55
1956-60
1961-65
EASTERN GROUP
SOUTHERN GROUP
N. CENTRAL GROUP
RKY. MTN. GROUP
PACIFIC GROUP
UNITED STATES

GEOGRAPHIC GROUPS OF STATES

Rocky Mountain Group:

Arizona
Colorado
Idaho
Kansas
Montana
Nebraska
Nevada
New Mexico
North Dakota
South Dakota
Utah
Wyoming

Pacific Group:

Alaska
California
Hawaii
Oregon
Washington

North Central Group:

Illinois
Indiana
Iowa
Michigan
Minnesota
Missouri
Ohio
Wisconsin

Southern Group:

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
Oklahoma
South Carolina
Tennessee
Texas
Virginia

Eastern Group:

Connecticut
Delaware
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont
West Virginia

BASIC DEFINITIONS

WILDFIRE - Any fire that burns uncontrolled in vegetative or associated flammable material.

REPORTABLE FIRE - Any wildfire that requires suppression action to protect natural resources or values associated with natural resources, or is destructive to natural resources.

LAND CLASSIFICATIONS:

Commercial Forest Land - Forest land that is producing, or is capable of producing, crops of industrial wood and is not withdrawn from timber use by statute or administrative regulation. Includes areas suitable for management to grow crops of industrial wood and generally capable of producing in excess of 20 cubic feet per acre of annual growth. Includes both accessible and prospectively accessible areas and both operable and prospectively operable areas. (USFS Forest Survey).

Noncommercial Forest Land - Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions, and productive forest land withdrawn from commercial timber use through statute or administrative regulation. (USFS Forest Survey).

Nonforested Watershed Land - Land that has never supported forests, and lands formerly forested but now developed for such nonforest uses as crops, improved pasture, residential areas, city parks, improved roads and adjoining rights-of-way, powerline clearings, and certain areas of water classified by the Bureau of the Census as land. Includes brush, chaparral, or grass-covered watershed of navigable streams, or streams which are important for supplying water for domestic use or irrigation. (A combination of USFS Survey and C-M 2 definitions).

GENERAL FIRE CAUSES:

Lightning - Self-explanatory.

Campfire - A wildfire resulting from a fire started for cooking, heating, or providing light or warmth.

Smoking - Wildfires caused by smokers from matches, lighters, tobacco, or other smoking material.

GENERAL FIRE CAUSES - (continued):

Debris Burning - A wildfire spreading from clearing land, burning trash, range, stubble, meadow, rights-of-way, logging slash, or other prescribed burning.

Incendiary - Wildfires willfully set by anyone to burn, or to spread to, vegetation or property not owned or controlled by him, and without consent of the owner or his agent.

Machine Use - Wildfires caused by any and all mechanical equipment other than railroad operations.

Railroad - Wildfires caused by all railroad operations including burning rights-of-way and ties.

Miscellaneous - Wildfires that cannot be properly classified under other general causes.

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